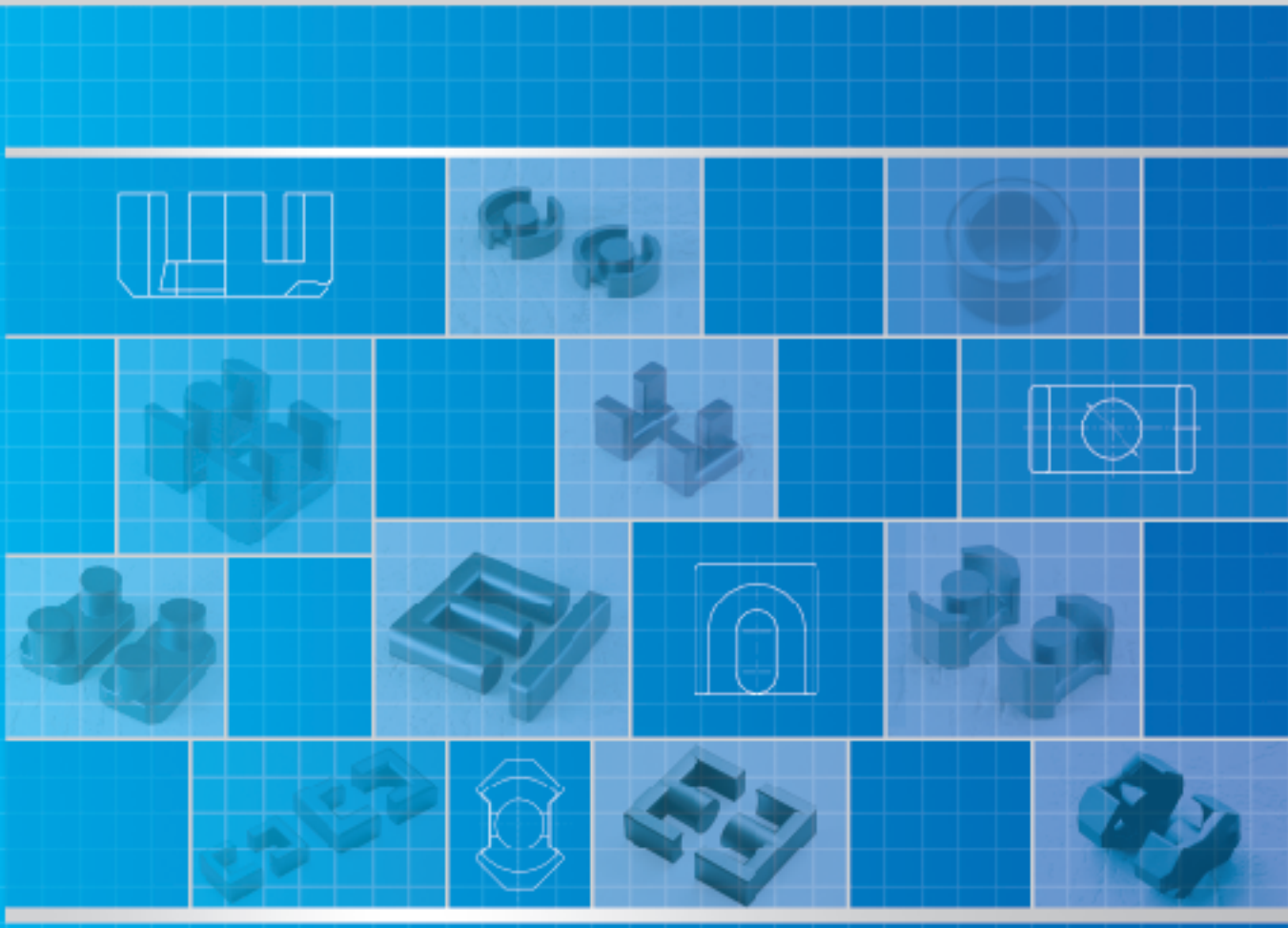
TDG

2006 | Mn-Zn
SOFT FERRITE CORES



TDG 天通控股股份有限公司
TDG HOLDING CO.,LTD.

自信 confidence

诚心 Integrity

创新 Innovation

Foreword

As the National and provincial key hi-tech enterprise listed one of the top 100 Chinese electronic components enterprises TDG holding Co.,Ltd. was the first company going public in Shanghai SEM shares held by individuals.

Belonging to the TDG holding Co.,Ltd, TDG Ferrite Division is specialized in the soft ferrite manufacturing, which was set up in 1984. After twenty years hard working, now we have developed to be the biggest soft ferrite manufacturing base in China with total area covering about 400,000 Square meters and more than 3800 employess with 620 technical staff. TDG owns a provincial tech researching center which is equipped with the advanced test inspection instruments,Capacity is over 46,000 ton/year.

Through adjusting the product structure and improving technology, TDG MnZn soft Ferrite has acclimatized itself to the development of the global electronic industry. Our MnZn soft Ferrite products are used widely in EMC, computer, communication, multimedia, automobile, green illumination, auto-control, office automation, household appliances and electronic machinery etc. TDG is now producing 7 series, more than 30 kinds of material including ferrite cores with 3000 different specifications. And its customers spread all over the world.

We cherish TDG spirit, that is, confidence, integrity and innovation to server our customerswith our large-scaled production and advanced technology.

Best quality is TDG's principle and customer satisfaction is our goal.

MnZn Powder Preparation

Pressing

Sintering

Grinding

Finishing

Polishing

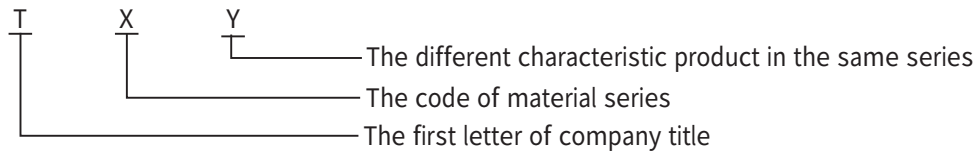
TDG

Index

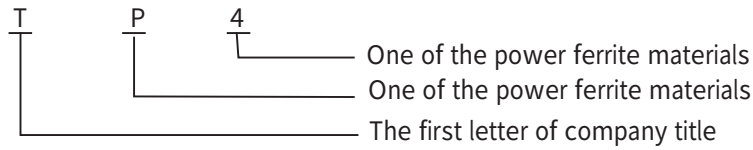
Standard:

The standard had drawn up especially for Tiantongs products:

Material naming:



例:



There are 7 large series of materials which include 30 models and about 3000 core specifications available in Tiantong Elec. Co., Ltd.

1. TP series: MnZn power ferrite applied in the switching power transformer and the device of transmission high frequency power (i.e. TP1, TP4, TP4A, TP4B, TP4C, TP4D, TP4E, TP4S, TP4W, TP5).

2. TF series: MnZn power ferrite applied in FBT of color TV and monitor (i.e. TF1, TF3).

3. TK series: MnZn power ferrite applied in drive transformer, mainly used in SPS (i.e. TK)

4. TD series: MnZn ferrite with high permeability and high saturation magnetic flux density applied in ISDN, network, background illumination, camera flash (i.e. TD3, TD5A).

5. TL series: MnZn high permeability MnZn ferrite applied in wide band transformer, pulse transformer,wave filter, inductor (i.e. TL13, TL15).

6. TS series: MnZn high permeability MnZn ferrite with high quality frequency characteristic to make common mode filter applied in anti-electromagnetic disturbance (i.e. TS5, TS7, TS10, TS10A).

7.TH series:MnZn low distortion, high Q value Ferrite material,mostly applied in High Q inductors, Filters and Transformer for xDSL Modem(i.e. TH2, TH10).

Concepts

Main concepts and definitions

1. Magnetic field

Current induces magnetic field. In spiral coils, the magnetic field (H) induced by current can be expressed as:

$$H = \frac{NI}{l}$$

Where all parameters are in SI unit system and N is turn number, I (A) is current, l (m) is the length of the spiral coils. In magnetic core, the field strength H induced by alternate current can be calculated in term of the effective length le of the spiral coils:

$$H = \frac{\sqrt{2}IN}{le} \text{ (A/m)}$$

$$1\text{Oe} = \frac{1\times 10^3}{4\pi} \approx 79.58\text{A/m}$$

2. Magnetic flux density, magnetic polarizability, magnetization.

In magnetic material, the magnetic flux density varies as applied field H. It behaviors as:

$$B = \mu_0 H + J \text{ or } B = \mu_0 (H + M)$$

Where B is magnetic flux density also called magnetic induction, J magnetic polarization,M magnetization, and μ_0 vacuum permeability with the value of $4\pi \times 10^{-7}$ H/m. The units of B and J are Tesla (T) and those of H and M are A/m.

1 Tesla = 10^4 Gauss

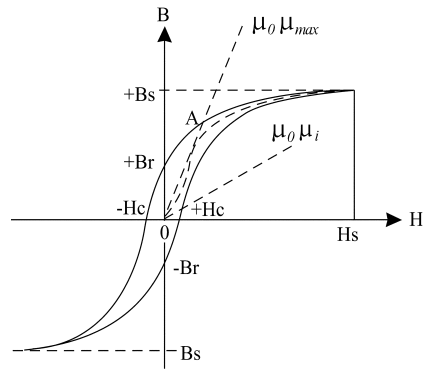
In magnetic cores, the magnetic flux density can be calculated using effective area Ae :

$$\hat{B} = \frac{0.225V}{fNAe} \text{ For sine wave}$$

Where V is electric potential in Volt, f frequency in Hz , N turn number, $\hat{B}$ in mT and A_e in m^2 .

3. Saturation magnetization, remanent magnetization, and coercivity.

Besides the linear relation between B and H in vacuum, B behaviors a nonlinear relation as H in magnetic materials displaying the hysteresis shown in the figure.



In the figure, B_S is saturation induction, B_r residual induction, H_C coercivity, and H_S saturation field. Different magnetic materials display various hysteresis, leading to different B_S , B_r , H_C , and H_S .

4. Permeability

1) $\frac{B}{H} = \mu_0 (1 + \frac{M}{H}) = \mu_{absolute}$ called absolute permeability with dimension.

2) $\frac{B}{H} = \mu_0 \mu_r \quad \mu_r$ where μ_r is called relative permeability, which is a pure number without dimension. Usually we use the relative permeability, neglecting the footnote r.

3) $\frac{1}{\mu_0}\frac{\Delta B}{\Delta H_{(\Delta H \to 0)}} = \mu_i$ is called initial permeability. It depends on temperature and frequency. The measurement of μ_i should be made in a closed magnetic circuit at certain temperature and frequency in a very weak applied field. In measurement, it requires that the change of magnetic flux density (ΔB) induced by ΔH should be less than 1mT, generally B = 0.1mT.

4) For unclosed magnetic circuit with a gap, measured permeability is called effective permeability expressed as:

$$\frac{\mu_i}{1 + g\mu_i / l_e} = \mu_e$$

where g is the length of the gap, and l_e the effective length of the magnetic circuit. It notes that this equation only an approximation of μ_e for the small gap. For large gap, the effective permeability will larger than that calculated using above equation.

5)When an applied field H is larger without a DC bias field, it induces the magnetic flux density B, in which $\mu_a = \frac{1}{\mu_0}\frac{B}{H}$, is called amplitiude permeability.

6)In an alternate field with a DC bias field, the permeability . $\mu_\Delta = \frac{1}{\mu_0}\left[\frac{\Delta B}{\Delta H}\right]_{H_{DC}}$ is called incremental permeability. For the electric inductance measured in the AC field superposed with a bias DC field, the permeability is probably also the incremental permeability.

7) The permeability in above 1) —6) are all obtained in the low frequency or near to DC situation. When the frequency is high, the permeability is complex.

In serial circuit, $\mu = \mu'_s - j\mu''_s$

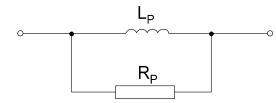
In parallel circuit, $\frac{1}{\mu} = \frac{1}{\mu_p} - \frac{1}{j\mu_p}$

μ'_s, μ''_s, μ'_p, μ''_p, are all the functions of frequency.

5. Impedance

Inductive impedance in an electric inductance is $X_L = j\omega L$,and condenser impedance in a condenser is $X_C = \frac{1}{j\omega C}$, These two are generally called electrical impedance. Adding pure resistance R, they are in all called impedance. In magnetic devices, we only consider inductive impedance and pure resistance for the issue of relative low frequency, neglecting condenser impedance. There is the difference between serial and parallel circuit.

Series representation



Parallel reparesentation

Series representation $Z_s = R_s + j\omega L_s$

Parallel reparesentation $Z_p = \frac{1}{1/(j\omega L_p) + 1/R_p}$

Zs and Zp depend on frequency, and their characteristics are called impedance frequency characteristics and related to the frequency characteristics of magnetic materials, and they are connected with winding parameters. In complex permeability, its frequency characteristics is determined by the frequency characteristics of both μ' and μ''. Actually, the impedance frequency characteristic is the characteristic of the magnetic device but the characteristic of material.

6. Loss factor

Loss factor indicates the loss property of material in small signal. It induces phase shift of signal due to magnetic core loss, which can be expressed as:

$$tg\delta_m = \frac{R_s}{\omega L_s} = \frac{\mu'_s}{\mu''_s} \quad \text{or} \quad tg\delta_m = \frac{\omega L_p}{R_p} = \frac{\mu'_p}{\mu''_p}$$

where $tg\delta_m$ is called loss factor indicating the ratio of loss power and input power. Because magnetic core loss induces hysteresis loss, eddy loss, and residual loss, the loss factor can be expressed as:

$tg\delta_m = tg\delta_h + tg\delta_e + tg\delta_r$, Where $tg\delta_h$, $tg\delta_e$, and $tg\delta_r$ is called hysteresis loss factor, eddy loss factor, and residual loss factor respectively (see the following Figure).

7. Specific Loss factor

$\frac{tg\delta_m}{\mu_i}$ or $\frac{tg\delta}{\mu_i}$ is called specific loss factor, which is independent of geometrical size of material, indicating small signal loss characteristic of the material.

8. The influence of gap

When the magnetic circuit is unclosed with a gap, the loss factor is called gap loss factor$(tg\delta)_{gap}$, The relation between gap loss factor and loss factor without the gap is:

$$\frac{(tg\delta)_{gap}}{\mu_e - 1} = \frac{tg\delta}{\mu_i - 1}$$

Because μ_e、$\mu_i >> 1$, the above equation becomes

$$\frac{(tg\delta)_{gap}}{\mu_e} = \frac{tg\delta}{\mu_i} \quad , \text{ i.e } (tg\delta)_{gap} = \frac{tg\delta \cdot \mu_e}{\mu_i}$$

Where $\mu_e < \mu_i$, It is clear that $(tg\delta)_{gap} > tg\delta$, Q value increasing

After the gap is made, the internal magnetic intensity of core decreases in large scale, form the formula Hi = He-Hd = He-NM, we could see when demagnetising factor N increases, Hi will decrease on the contrary. Here He is the magnetic field produced by the winding with current($He = \frac{NI}{le}$),m is intensity of magnetization, demagnetising factor is $0 \sim 4\pi$, if magnetic circuit is closed,N = 0, when the gap is bigger, demagnetising factor is bigger,and it is the same on the contrary. Gap-making will increase the stability of magnetic field and temperature.

9. Quality factor Q

When magnetic device is used as electric inductance in wave filter, its property is usually characteriaed using quality factor Q.

$$Q = \frac{1}{tg\delta} = \frac{\omega L}{R_{tot}}$$

When Rtot is total resistance including coil and core resistance. Rtot indicates loss including magnetic core loss and copper wire loss. Q value is cloesly related to frequency and coil parameters.

10. Power loss in large signal field

In large singnal field, magnetic core loss can be expressed as:

$$P_m = P_h + P_e + P_r ,$$

When P_h, P_e, and P_r indicate hysteresis loss, eddy loss and residual loss respectively. In power ferrite, Pm is often used to analyze power loss, interpreted as dividing the total power loss and then analysing the cause and cores of power loss.

11. Temperature coefficient and specific temperature coefficient.

Temperatuer factor is: $\alpha_{\mu i} = \frac{\mu_{i2} - \mu_{i1}}{\mu_{i1}} \times \frac{1}{T_2 - T_1}$

Where mi1, mi2 indicate initial permeability at T1, T2 respectively.

Sepcific temperature factor is: $\alpha_{\mu ir} = \frac{\alpha_{\mu i}}{\mu_{i1}} = \frac{\mu_{i2} - \mu_{i1}}{(\mu_{i1})^2} \times \frac{1}{T_2 - T_1}$

ami and amir all indicate temperature stability of permeability.

12. Dropping coefficient and Specific dropping coefficient.

Dropping coefficient is: $D_A = \frac{\mu_{i1} - \mu_{i2}}{\mu_{i1}} \times \frac{1}{\lg(t_2/t_1)}$

Where μ_{i1}, μ_{i2} indicate initial permeability at the same temperature at different time t_1, t_2 respectively.

Sepcific dropping coefficient is: $D_F = \frac{D_A}{\mu_{i1}} = \frac{\mu_{i1} - \mu_{i2}}{\mu_{i1}^2} \times \frac{1}{\lg(t_2/t_1)}$

Both D_A and D_F indicates the change under the influence of magnetic interference and mechanical lash.

13. Electric inductance factor AL

The inductance value of an electric inductance or a transformer with N turn coils is L. It defines that $AL = \frac{1}{N^2}$, When the unit AL is $\frac{nH}{N^2}$, taking N = 100 commonly, but sometimes the parameter of AL is not used, because when the turns of winding are too many and in circumstance of closed magnetic circuit the magaetic flied is likely to enter resonance area or approach saturation area.

$$Ts = \left[\frac{\text{Set L(nH)}}{AL(nH/N^2)}\right]^{1/2}$$

When without the gap, $\mu_i = \frac{C_1}{0.4\pi}$ AL, where C_1 of core parameters is mm^{-1}, AL is $\frac{nH}{N^2}$.

AL value is related to the size and surface roughness of the gap. If known AL value and magnetic core size, one can easily obtain permeability mi used material.

14. Static field effect -DC superposition

When an alternate field and a DC field act on a magnetic core simultaneously, it is called static magnetic influence. Sometimes it is call DC superposition.

When there is a sine field with the amplify of $\Delta H/2$ acting on a DC field in the magnetic core, the applied fields is

$$H = H_{DC} + \frac{\Delta H}{2}\sin\omega t$$

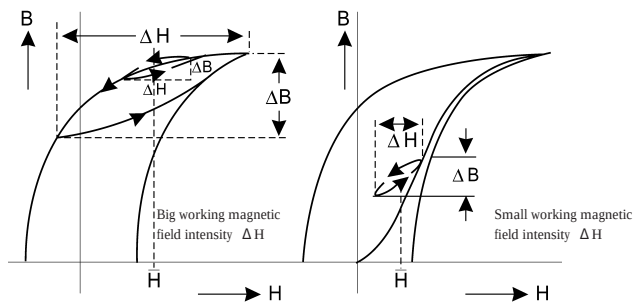
Due to sine field, the change of magnetic flux density shows a small hysteresis loop in the large one and its peak value is $\Delta B/2$ (See the following figures). The average slope of the small hysteresis loop is incremental permeability (as mentioned above):

$$\mu_\Delta = \frac{1}{\mu_0}\left[\frac{\Delta B}{\Delta H}\right]_{H_{DC}}$$

Where the sine field is called applied and field DC field called displacing field or bias field. The incremental permeability changes as displacing field. The measurement of DC superposition characteristic is to measure the incremental permeability in DC displacing field and to compare it to that measured without DC displacing field.

There are two typical small hysteresis loops for different alternate fields

(shown in the following figures).

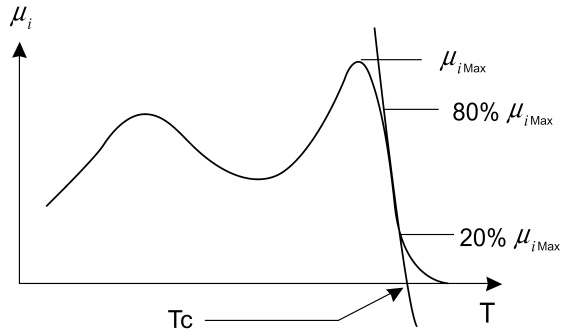


Where is the hysteresis loop, After folding between DC magnetic field and AC field with $\Delta H/2$

From them one can know the relationship between the superposing characteristic and material property. The superposing characteristic is very important due to the existence of DC in many electric circuits.

15. Curie temperature

Curie temperature is the transition temperature of magnetic materials from ferromagnetism to paramag-netism. There are several methods to determine Curie temperature. The method used by Tiantong Elec.Co., Ltd. is shown as the following figure.



As temperature increases, one can find the two points with theperme-ability falling down to 80% μimax and 20% μimax respectively.Connecting the two points and extrapolating the line to T axis, the point of intersection is Curie temperature.

MnZn功率铁氧体材料特性
MnZn Power Ferrite material Characteristics

特性 Characteristics			单位 Unit	TK	TP1	TP4	TP4A	TP4S	TP5
初始磁导率 μ_i (10kHz) Initial permeability		25°C H<0.4A/m		3000 ±25%	3800 ±25%	2300 ±25%	2400 ±25%	2000 ±25%	1400 ±25%
饱和磁通密度Bs Saturation magnetic flux density (H=1194A/m)		25°C	mT	470	480	510	510	520	470
		100°C	mT	370	340	390	390	410	380
剩磁Br Remanence		25°C	mT	120	180	100	110	135	140
		100°C		85	/	55	60	60	98
矫顽力Hc Coercivity		25°C	A/m	12	16	14	13	13	36.5
		100°C	A/m	7.0	/	9	6.5	7	27.2
功率损耗 Pcv Core Loss	25kHz 200mT 正弦波	25°C	kW/m^3	168	150	/	/	/	130*
		100°C	kW/m^3	154	180	/	/	/	80*
	100kHz 200mT 正弦波	25°C	kW/m^3	/	/	650	600	650	600** (60°C)
		100°C	kW/m^3	/	/	410	300	300	500**
		120°C	kW/m^3	/	/	500	400	350	/
电阻率 ρ Electrical resistivity			Ω · m	/	0.4	6.5	6.5	6.5	8
居里温度Tc Curie temperature			°C	≥190	≥190	≥220	≥215	≥220	≥240
密度d Density			kg/m^3	4.8×10^3	4.8×10^3	4.8×10^3	4.8×10^3	4.8×10^3	4.7×10^3

注:*--500kHz,50mT;**--1MHz,50mT。各表格所列之值均为典型值，不包括客户的特殊要求；有特殊要求时，应在订货合同或协议中给予明确。
Remark: *--500kHz,50mT;**--1MHz,50mT。 The value of material's characteristics are typical value. Please contact our company for more characteristics in your order or agreement.

MnZn功率铁氧体材料特性
MnZn Power Ferrite material Characteristics

特性 Characteristics			单位 Unit	TP4B	TP4C	TP4D	TP4E	TP4W
初始磁导率 μ_i (10kHz) Initial permeability		25°C H<0.4A/m		2500 ±25%	3200 ±25%	2500 ±25%	1500 ±25%	3000 ±25%
饱和磁通密度Bs Saturation magnetic flux density (H=1194A/m)		25°C	mT	530	530	520	510	500
		100°C	mT	420	420	410	440	390
剩磁Br Remanence		25°C	mT	120	130	210	210	50
		100°C	mT	80	80	60	70	55
矫顽力Hc Coercivity		25°C	A/m	12	11	14	24	8
		100°C	A/m	8	10	7	13	9
功率损耗 Pcv Core Loss	100kHz 200mT 正弦波	25°C	kW/m^3	570	350	600	1000	400
		60°C	kW/m^3	250(75°C)	250(45°C)	400	/	350 (100°C)
		100°C	kW/m^3	460	660	250	480	400 (120°C)
电阻率 ρ Electrical resistivity			Ω · m	3	3	4	/	/
居里温度Tc Curie temperature			°C	≥220	≥220	≥220	≥285	≥220
密度d Density			kg/m^3	4.8×10^3	4.8×10^3	4.8×10^3	4.8×10^3	4.8×10^3

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MnZn高磁导率铁氧体材料特性
MnZn High Permeability Ferrite material Characteristics

特性 Characteristics		单位 Unit	TS5	TS7	TS10	TS10A	TL13	TL15
初始磁导率 μ_i (10kHz) Initial permeability	25°C H<0.08A/m		5500 ±30%	7500 ±30%	10000 ±30%	10000 ±30%	13000 ±30%	15000 ±30%
初始磁导率比温度系数 $\alpha_{\mu ir}$ Relative temperature coefficient of initial permeability	20°C~60°C	10^{-6}/°C	-0.5~2.0	-0.5~2.0	-0.5~2.0	-0.5~2.0	-0.5~3.0	-0.5~2.0
比损耗因子tan δ / μ_i Relative loss factor	100kHz	$\times10^{-6}$	＜10	＜20	＜30	＜25	＜7.0 (10kHz)	＜7.0 (10kHz)
减落因子D_F Disaccommodation factor	1 to 10 minutes	$\times10^{-6}$	＜3.0	＜2.5	＜2.0	＜2.0	＜2.0	＜2.0
饱和磁通密度Bs Saturation magnetic flux density	H=1194A/m 25°C	mT	410	410	380	420	360	360
剩磁Br Remanence	25°C	mT	70	80	120	110	100	100
矫顽力Hc Coercivity	25°C	A/m	6	6	6	5.5	4.4	4.4
电阻率 ρ Electrical Resistivity		Ω · m	1	0.3	0.2	0.2	0.15	0.15
居里温度Tc Curie Temperature		°C	≥150	≥125	≥125	≥120	≥115	≥110
密度d Density		kg/m^3	4.8×10^3	4.8×10^3	4.9×10^3	4.9×10^3	4.95×10^3	4.95×10^3

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MnZn高饱和磁感应强度低损耗材料、高叠加材料、低失真铁氧体材料特性

MnZn High Saturation Flux Density Low Core Loss Material, High DC-Bias Material, Low Distortion Ferrite Material Characteristics

特性 Characteristics			单位 Unit	TF3	TD3	TD5A	TH2	TH10
初始磁导率 μ_i (10kHz) Initial permeability		25°C H<0.4A/m		2300 ±25%	3200 ±25%	4500 ±25% (H<0.08A/m)	2300 ±25%	10000 ±30% (H<0.08A/m)
初始磁导率比温度系数 $\alpha_{\mu ir}$ Relative temperature coefficient of initial permeability		20°C~60°C	$\times 10^{-6}$/°C	/	/	/	0.3~1.5 (5~25°C)	-1~1 (0~20°C)
				/	/	/	0.3~1.3 (25~55°C)	-1~1 (20~60°C)
磁滞常数 η_B Hysteresis material constant		25°C 10kHz 1.5-3mT	$\times 10^{-6}$/mT	/	/	/	<0.4	<0.3
比损耗因子 $\tan\delta/\mu_i$ Relative loss factor		10kHz	$\times 10^{-6}$	/	3	3.5	2.7	3
		100kHz		/	4.5	5.0	4.2	4.0
饱和磁感应强度Bs Saturation magnetic flux density (H=1194A/m)		25°C	mT	500	490	500	430	420
		100°C		380	390	390	320	220
剩磁Br Remanence		25°C	mT	130	/	/	65	90
		100°C		/	/	/	60	100
矫顽力Hc Coercivity		25°C	A/m	14	/	/	26	8
		100°C		/	/	/	19	7
功率损耗 P_{CV} Core loss 正弦波	16kHz 150mT	100°C	kW/m^3	15	/	/	/	/
	64kHz 200mT	100°C		190	/	/	/	/
	100kHz 200mT	25°C	kW/m^3	/	380	600	/	/
		100°C		440	660	800	/	/
电阻率 ρ Electrical resistivity			Ω · m	3	1	1	3	0.2
居里温度Tc Curie temperature			°C	≥200	≥200	≥185	≥180	≥120
密度d Density			kg/m^3	4.8×10^3	4.8×10^3	4.85×10^3	4.7×10^3	4.9×10^3

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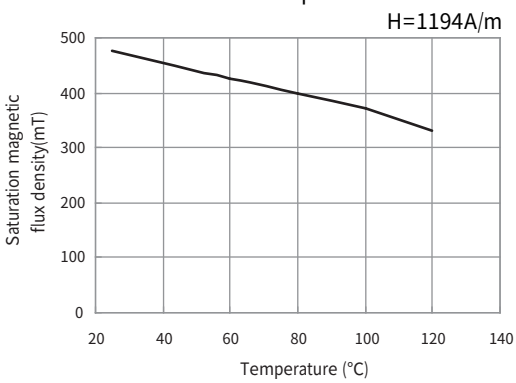
材料/Material:TK

特点/Features:

1. 较高的磁导率(约3000)/High Initial Permeability (about 3000)
2. 较低的功率损耗/Low Core Loss

Bs - Temperature



Initial permeability	μ_i	25°C	3000±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	470 370
Remanence	Br(mT)	25°C 100°C	120 85
Coercivity	Hc(A/m)	25°C 100°C	12 7.0
Core loss	Pcv(kW/m^3) 25kHz 200mT	25°C 100°C	168 154
Curie temperature	Tc(°C)		≥190
Electrial resistivity	ρ(Ω · m)		/
Density	d(kg/m^3)		4.8×10^3

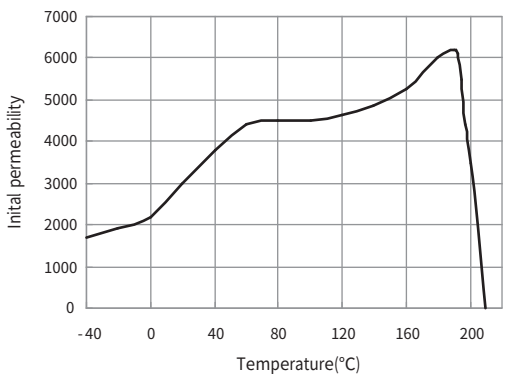
Test core:Toroid(mm)

OD: 31

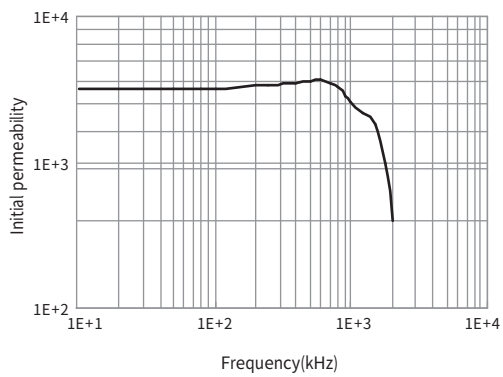
I D: 19

H: 6

μ_i - Temperature

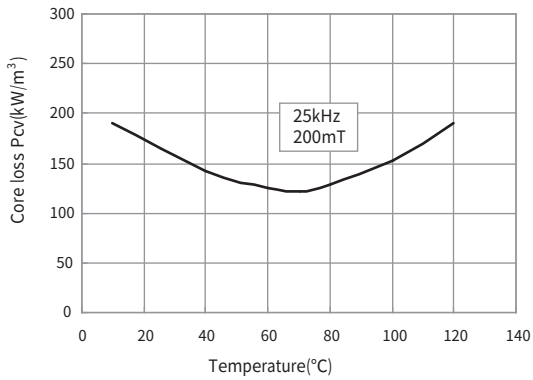


μ_i - Frequency

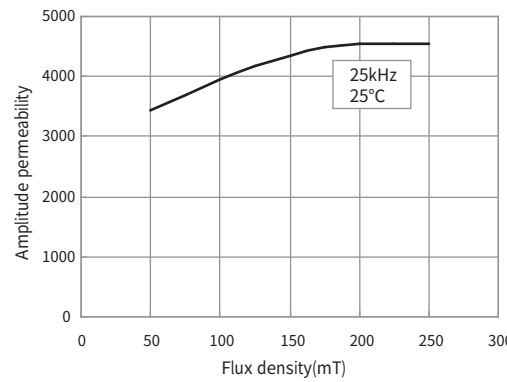


材料/Material:TK

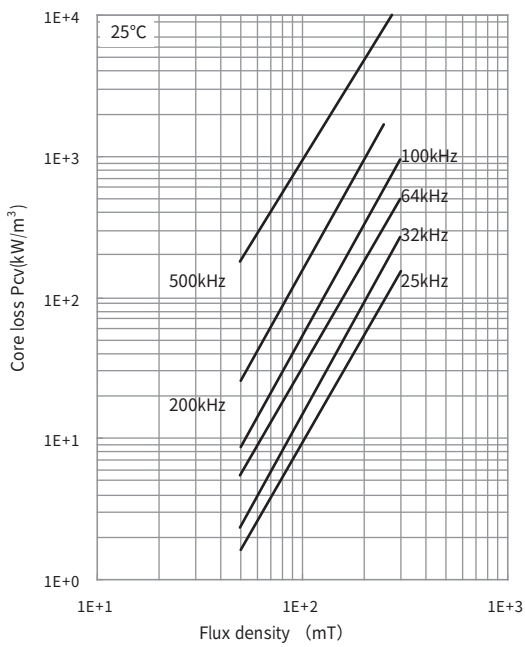
Pcv - Temperature



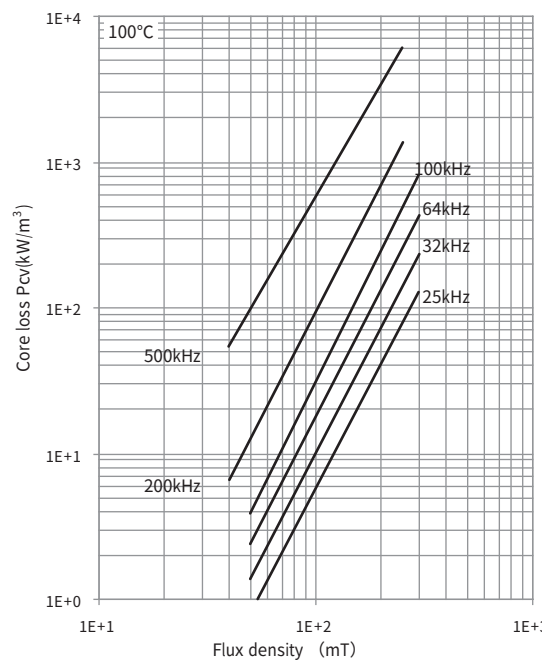
μ_a - Bm



Pcv - Bm



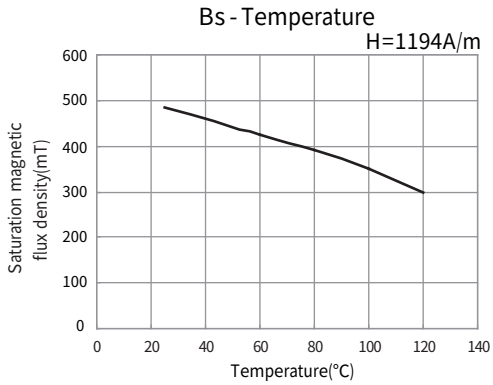
Pcv - Bm

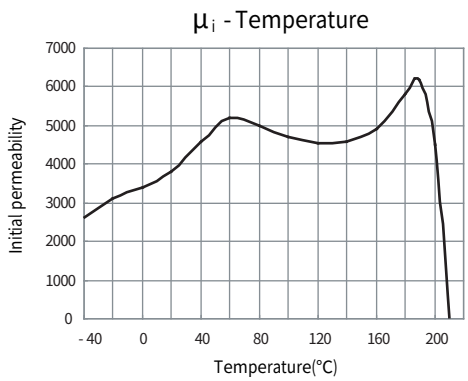


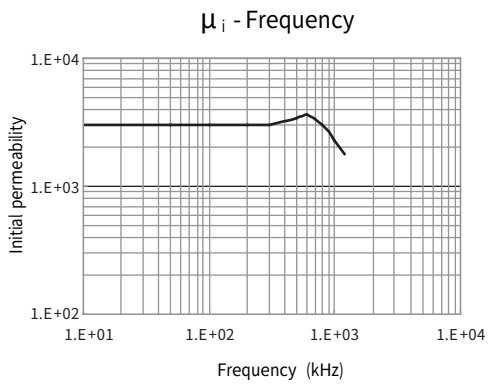
材料/Material:TP1

特点/Features:

1. 主要应用于中频段(小于200kHz)/Mostly Used at Middle Frequency (Less than 200kHz)
2. 较低的磁芯损耗, 高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在60 - 70°C/The Temperature Point of the Lowest Core Loss is 60 - 70°C







Initial permeability	μ_i	25°C	3800±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	480 340
Remanence	Br(mT)	25°C 100°C	180 85
Coercivity	Hc(A/m)	25°C 100°C	16 7
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C 100°C	150 180
Curie temperature	Tc(°C)		≥190
Electrial resistivity	ρ(Ω · m)		0.4
Density	d(kg/m^3)		4.85×10^3

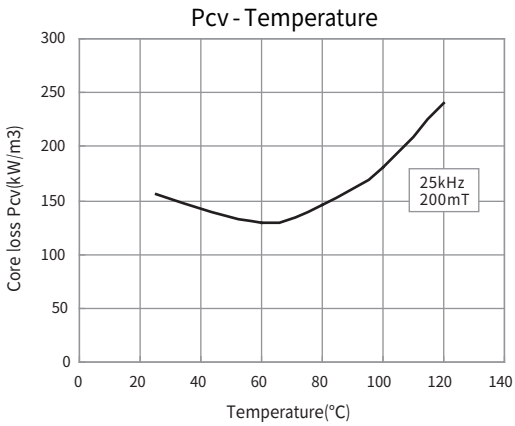
Test core:Toroid(mm)

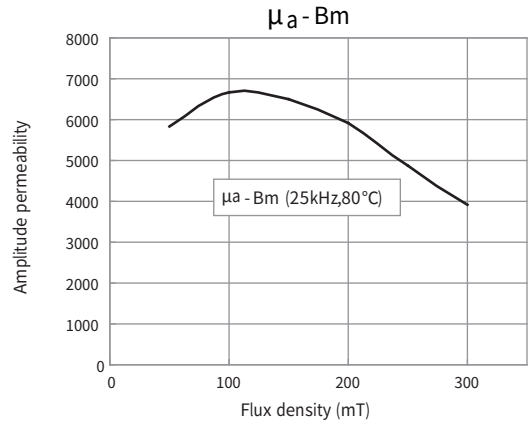
OD: 31

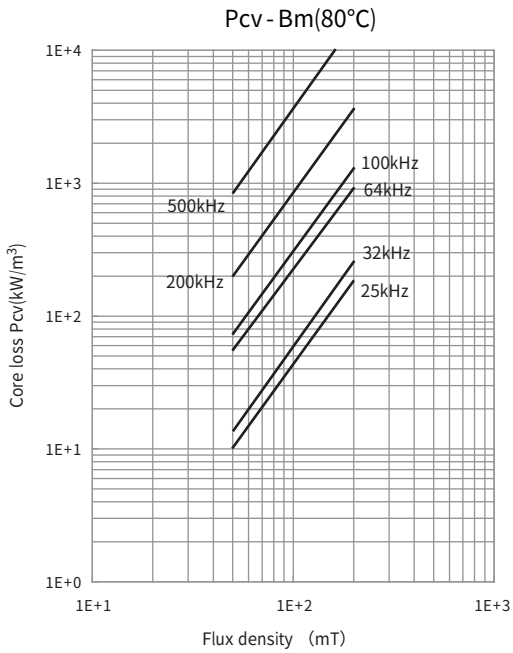
I D: 19

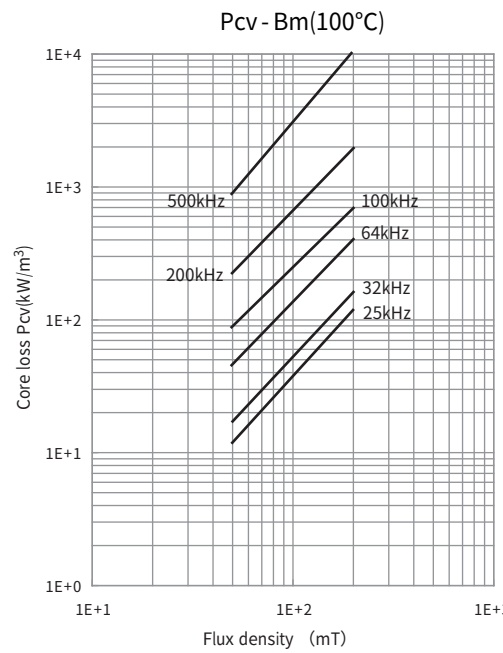
H: 6

材料/Material:TP1





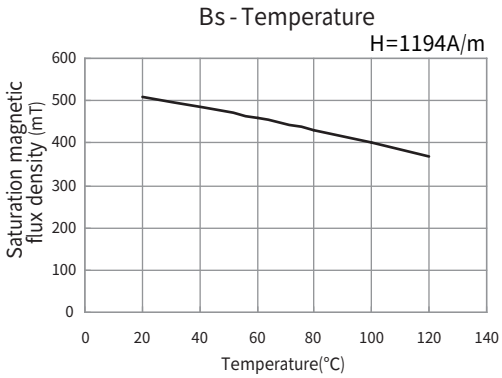


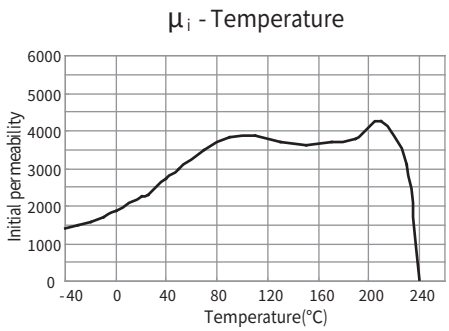


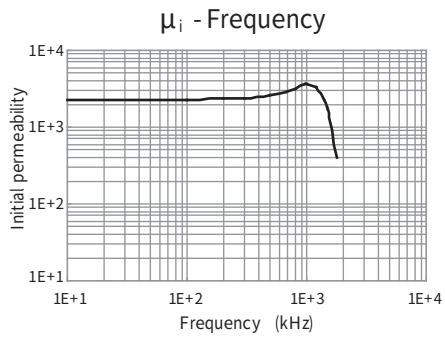
材料/Material:TP4

特点/Features:

1. 主要应用于中频段(小于200kHz)/Mostly Used at Middle Frequency (Less than 200kHz)
2. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在90°C/The Temperature Point of the Lowest Core Loss is 90°C







Initial permeability	μ_i	25°C	2300±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	510 390
Remanence	Br(mT)	25°C 100°C	100 55
Coercivity	Hc(A/m)	25°C 100°C	14 9
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C 100°C 120°C	650 410 500
Curie temperature	Tc(°C)		≥220
Electrial resistivity	ρ(Ω · m)		6.5
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

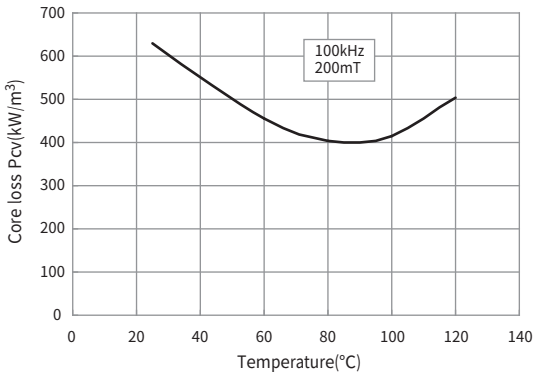
OD: 31

I D: 19

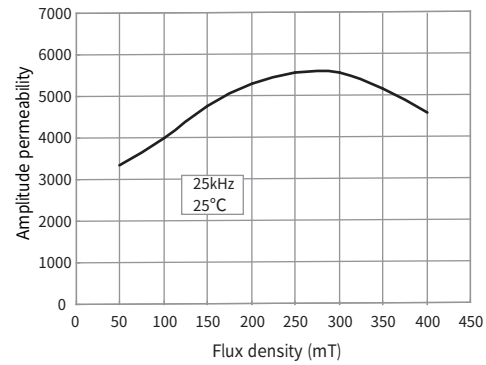
H: 6

材料/Material:TP4

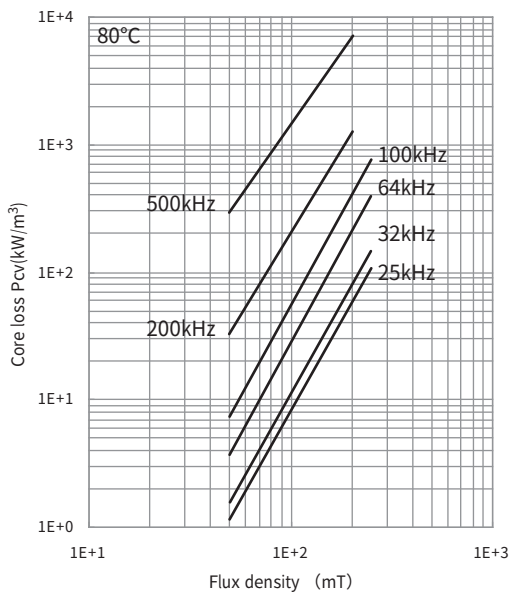
Pcv - Temperature



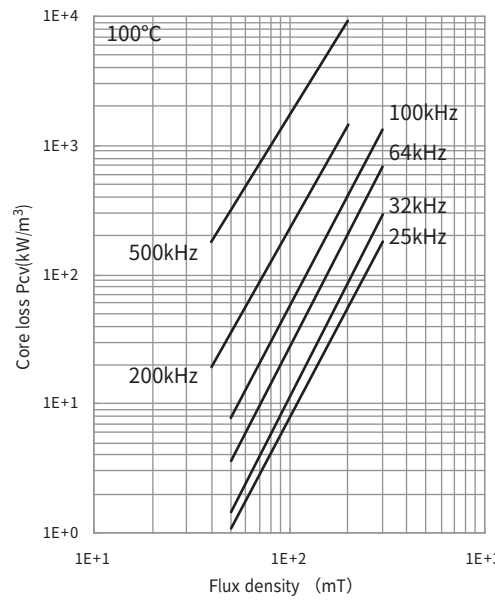
μ_a - Bm



Pcv - Bm



Pcv - Bm

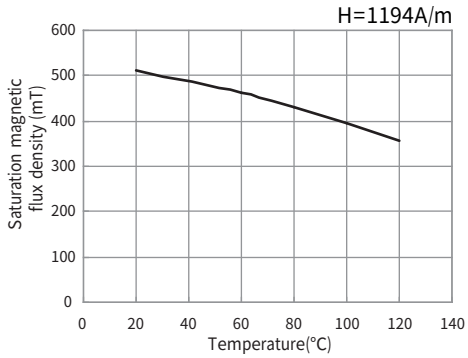


材料/Material:TP4A

特点/Features:

1. 主要应用于中频段(小于300kHz)/Mostly Used at Middle Frequency (Less than 300kHz)
2. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在90°C/The Temperature Point of the Lowest Core Loss is 90°C

Bs - Temperature



Initial permeability	μi	25°C	2400±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	510 390
Remanence	Br(mT)	25°C 100°C	110 60
Coercivity	Hc(A/m)	25°C 100°C	13 6.5
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C 100°C 120°C	600 300 400
Curie temperature	Tc(°C)		≥215
Electrial resistivity	ρ(Ω · m)		6.5
Density	d(kg/m^3)		4.8×10^3

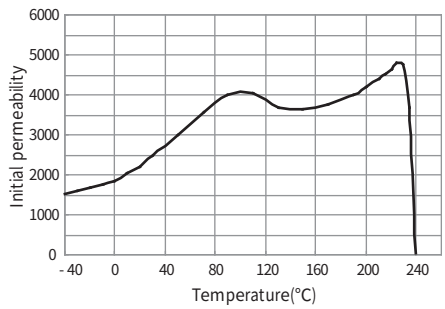
Test core:Toroid(mm)

OD: 31

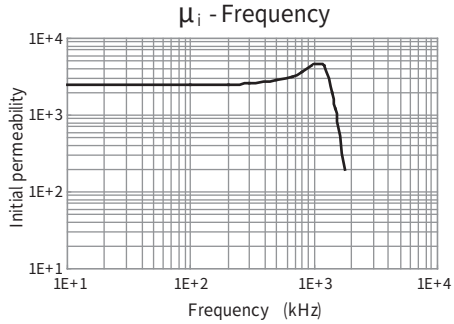
I D: 19

H: 6

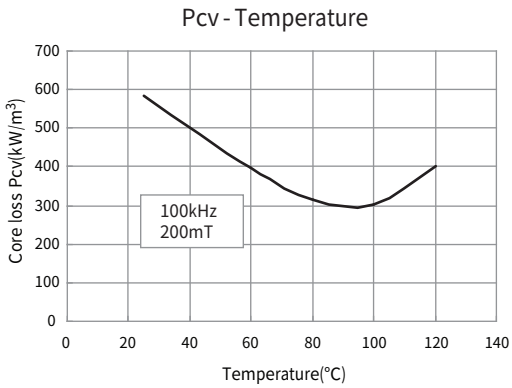
μi - Temperature

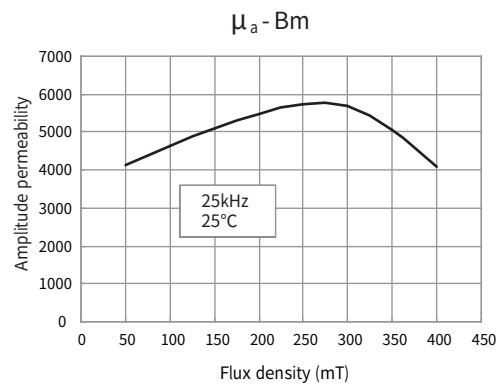


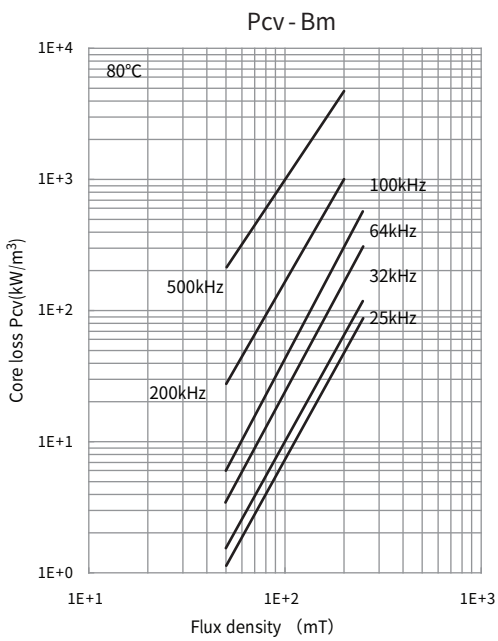
μi - Frequency

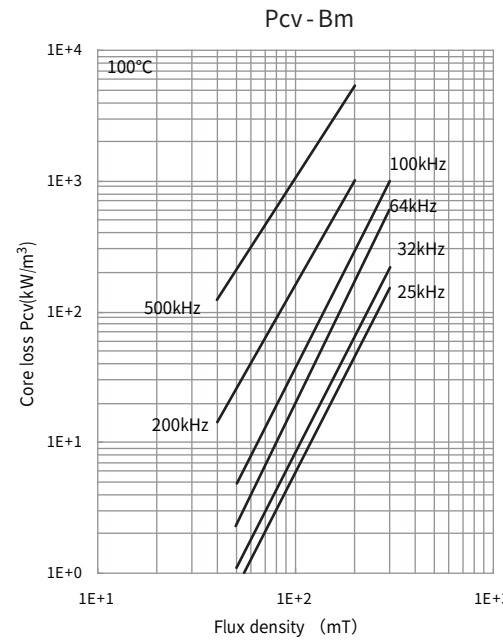


材料/Material:TP4A







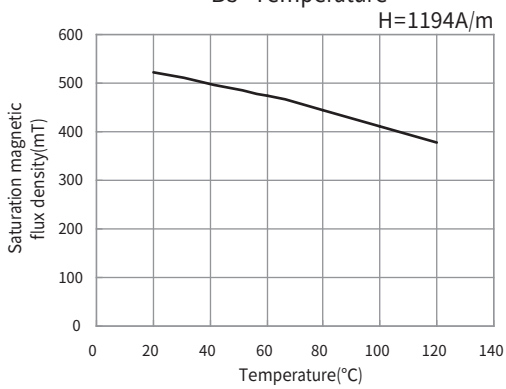


材料/Material:TP4S

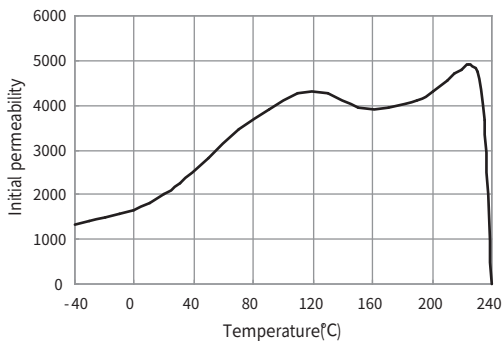
特点/Features:

1. 主要应用于中频段(小于300kHz)/Mostly Used at Middle Frequency (Less than 300kHz)
2. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
3. 损耗最低的温度点约在100 - 110℃/The Temperature Point of the Lowest Core Loss is 100 - 110℃

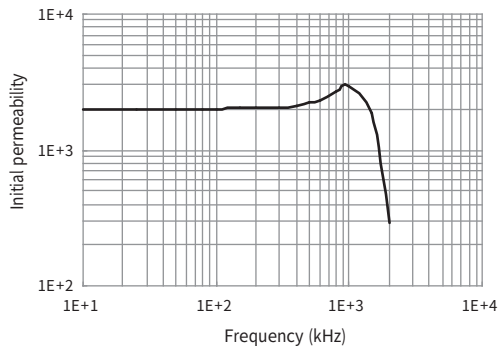
Bs - Temperature



μi - Temperature



μi - Frequency



Initial permeability	μi	25°C	2000±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	520
		100°C	410
Remanence	Br(mT)	25°C	135
		100°C	60
Coercivity	Hc(A/m)	25°C	13
		100°C	7
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C	650
		100°C	300
		120°C	350
Curie temperature	Tc(℃)		≥220
Electrial resistivity	ρ(Ω · m)		6.5
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

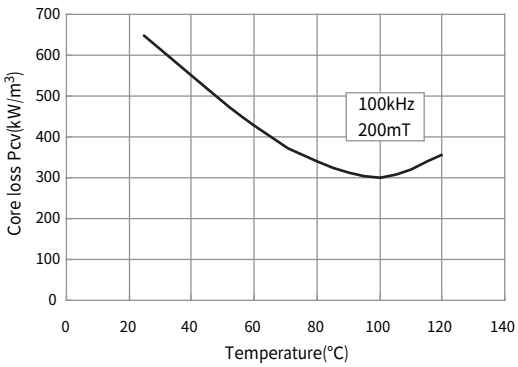
OD: 31

I D: 19

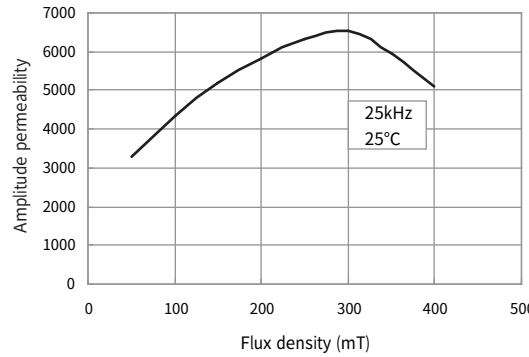
H: 6

材料/Material:TP4S

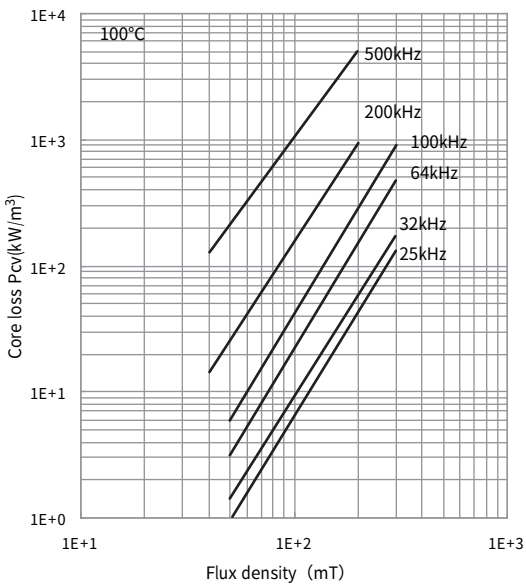
Pcv - Temperature



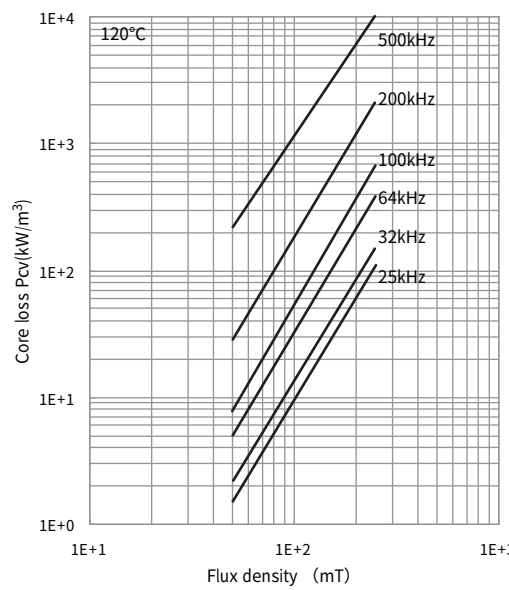
μ_a - Bm



Pcv - Bm



Pcv - Bm

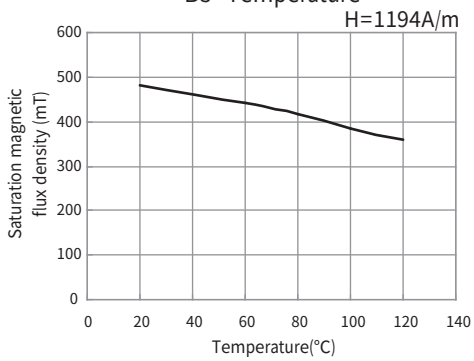


材料/Material:TP5

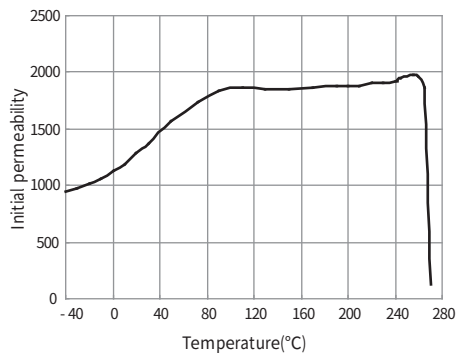
特点/Features:

1. 主要应用于高频段（500 kHz到1MHz）/ Mostly Used at High Frequency. (From 500 kHz To 1 MHz)
2. 损耗最低的温度点约在80°C/ The Temperature Point of The Lowest Core Loss is 80°C

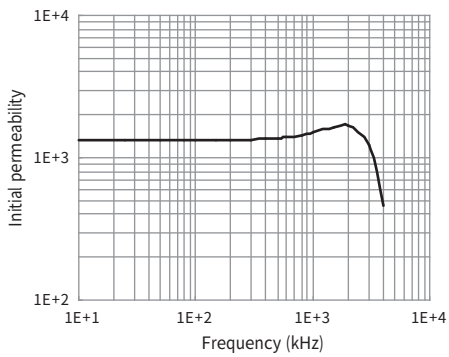
Bs - Temperature



μ_i - Temperature



μ_i - Frequency



Initial permeability	μ_i	25°C	1400±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	470
		100°C	380
Remanence	Br(mT)	25°C	140
		100°C	98
Coercivity	Hc(A/m)	25°C	36.5
		100°C	27.2
Core loss Pcv(kW/m^3)	500kHz 50mT	25°C	130
		100°C	80
	1MHz 50mT	60°C	600
		100°C	500
Curie temperature	Tc(°C)		≥240
Electrial resistivity	ρ(Ω · m)		8
Density	d(kg/m^3)		4.7×10^3

Test core:Toroid(mm)

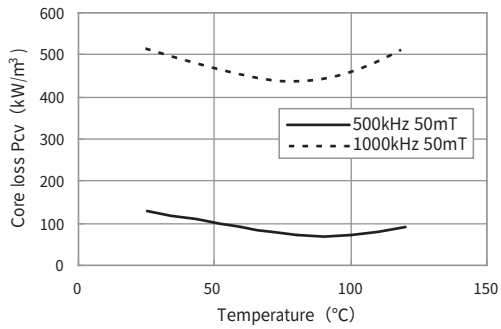
OD: 31

I D: 19

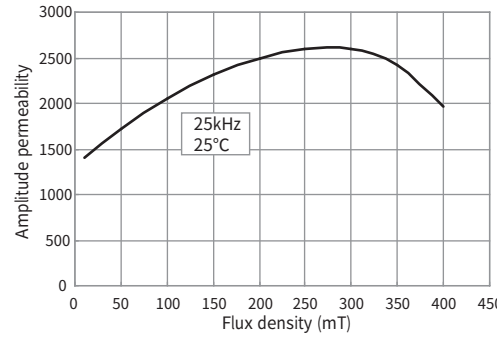
H: 6

材料/Material:TP5

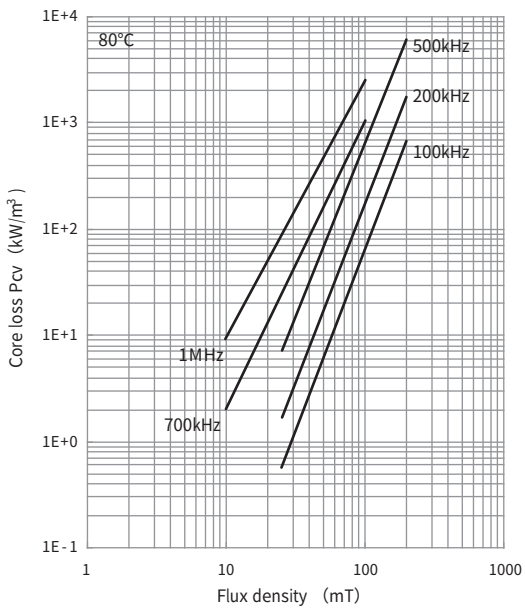
Pcv - Temperature



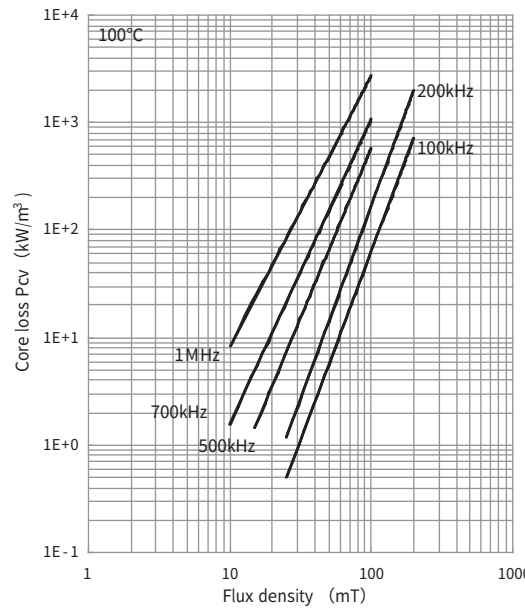
μ_a - Bm



Pcv - Bm



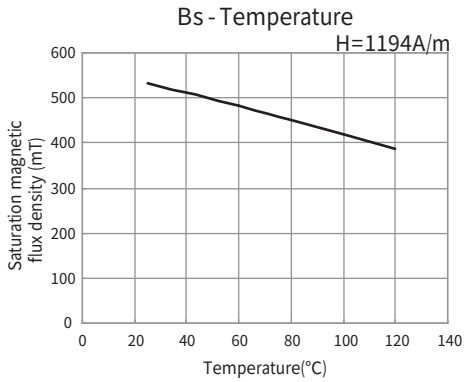
Pcv - Bm

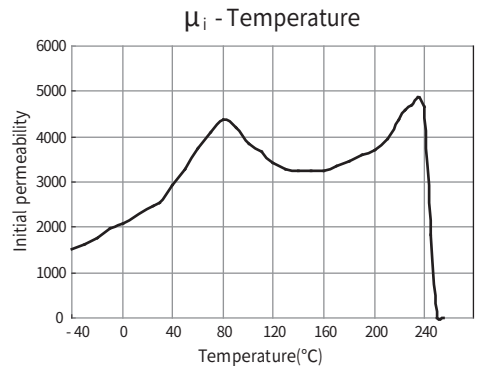


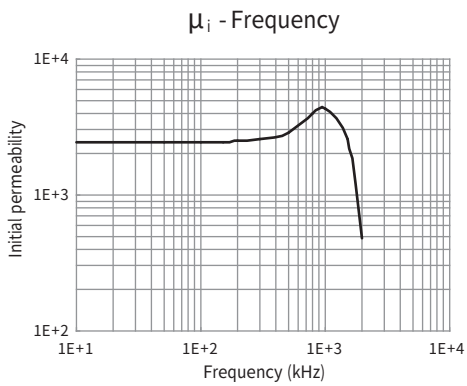
材料/Material:TP4B

特点/Features:

1. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
2. 主要应用于较低温度(60 - 80°C)和中频段（100kHz到300kHz)/ Mostly Used on Lower Temperature (60 to 80°C）and Middle Frequency（100kHz to 300kHz）







Initial permeability	μ_i	25°C	2500±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	530 420
Remanence	Br(mT)	25°C 100°C	120 80
Coercivity	Hc(A/m)	25°C 100°C	12 8
Core loss	$Pcv(kW/m)^3$ 100kHz 200mT	25°C 75°C 100°C	570 250 460
Curie temperature	Tc(°C)		≥220
Electrial resistivity	ρ(Ω · m)		3
Density	$d(kg/m^3)$		4.8×10^3

Test core:Toroid(mm)

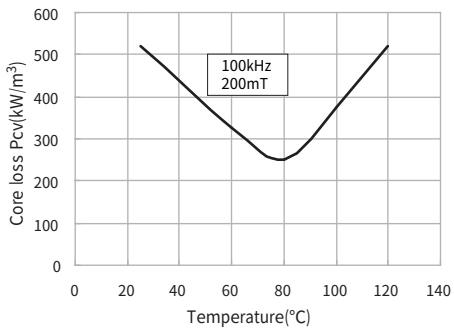
OD: 31

I D: 19

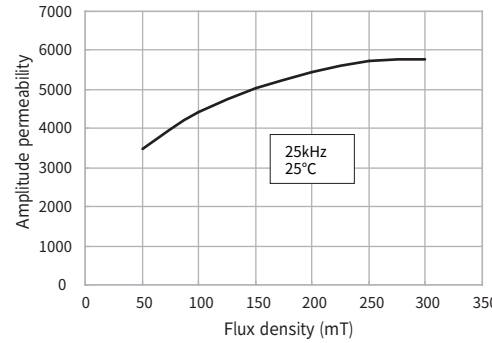
H: 6

材料/Material:TP4B

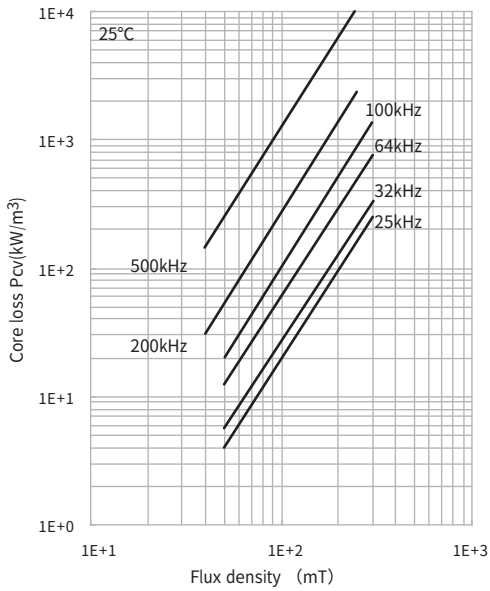
Pcv - Temperature



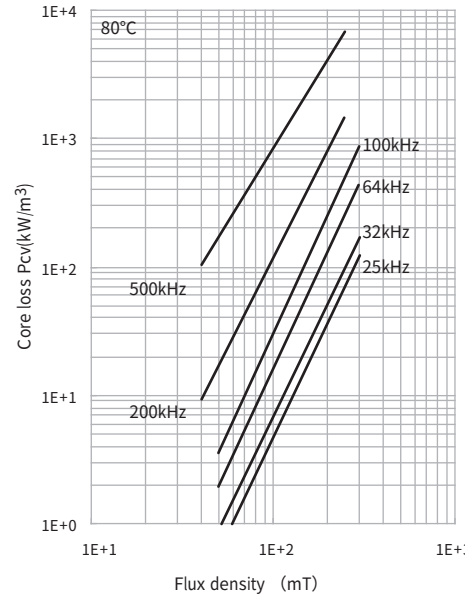
μ_a - Bm



Pcv - Bm



Pcv - Bm

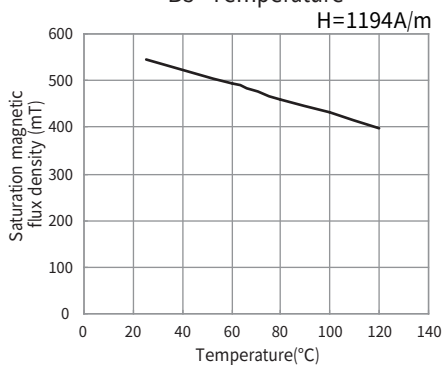


材料/Material:TP4C

特点/Features:

1. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
2. 主要应用于较低温度(40 - 50°C)和中频段（100kHz到300kHz)/ Mostly Used on Lower Temperature (40 to 50°C）and Middle Frequency（100kHz to 300kHz）

Bs - Temperature



Initial permeability	μ_i	25°C	3200±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	530
		100°C	420
Remanence	Br(mT)	25°C	130
		100°C	80
Coercivity	Hc(A/m)	25°C	11
		100°C	10
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C	350
		45°C	250
		100°C	660
Curie temperature	Tc(°C)		≥220
Electrial resistivity	ρ(Ω · m)		3
Density	d(kg/m^3)		4.8×10^3

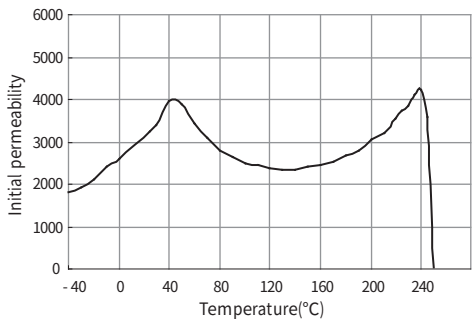
Test core:Toroid(mm)

OD: 31

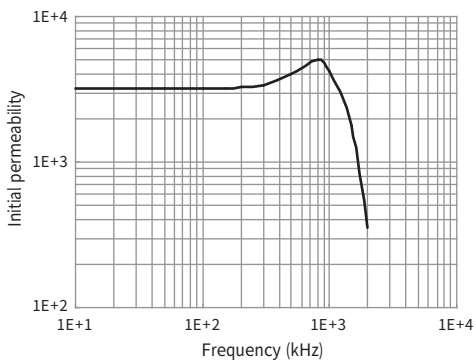
I D: 19

H: 6

μ_i - Temperature

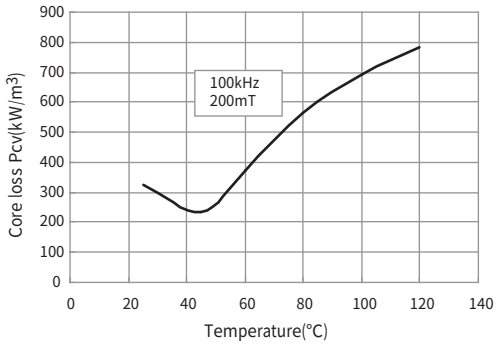


μ_i - Frequency

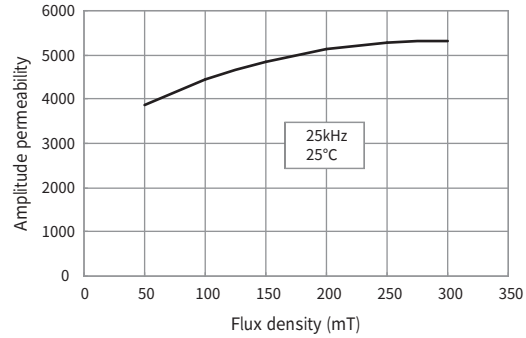


材料/Material:TP4C

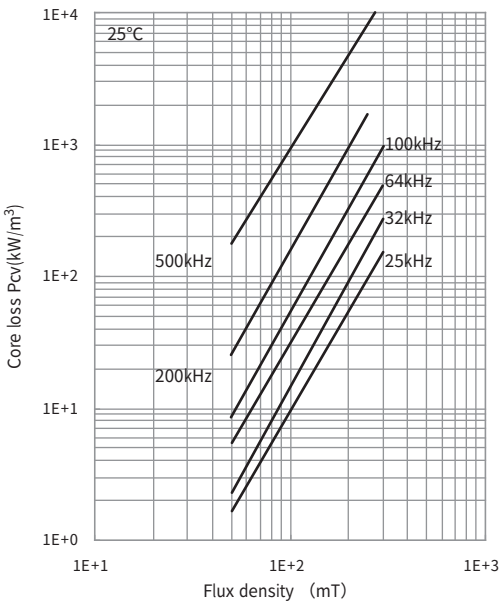
Pcv - Temperature



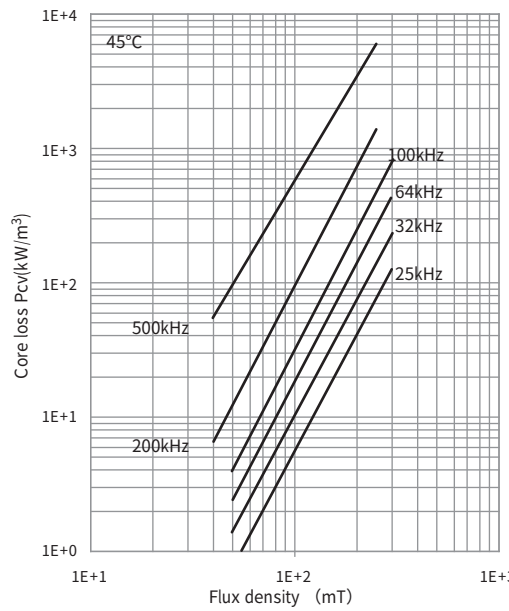
μ_a - Bm



Pcv - Bm



Pcv - Bm

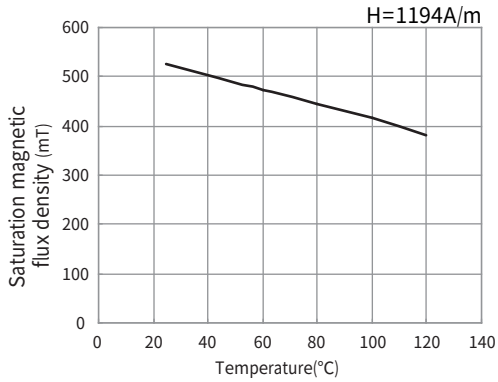


材料/Material:TP4D

特点/Features:

1. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
2. 损耗最低的温度点约在100°C/The Temperature Point of the Lowest Core Loss is 100°C

Bs - Temperature



Initial permeability	μ_i	25°C	2500±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	520 410
Remanence	Br(mT)	25°C 100°C	210 60
Coercivity	Hc(A/m)	25°C 100°C	14 7
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C 60°C 100°C	600 400 250
Curie temperature	Tc(°C)		≥220
Electrial resistivity	ρ(Ω · m)		4
Density	d(kg/m^3)		4.8×10^3

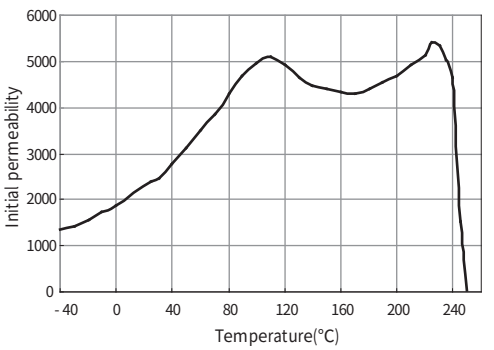
Test core:Toroid(mm)

OD: 31

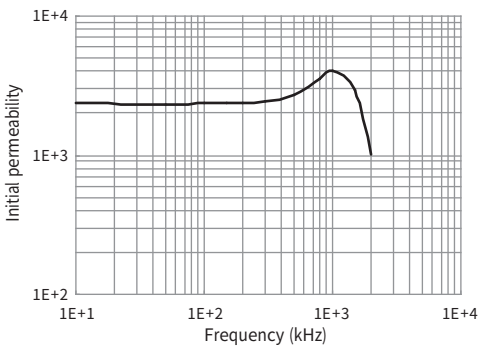
I D: 19

H: 6

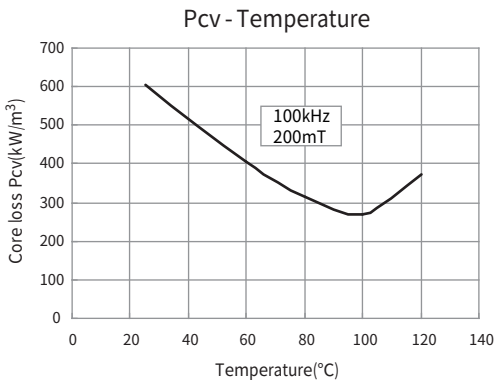
μ_i - Temperature

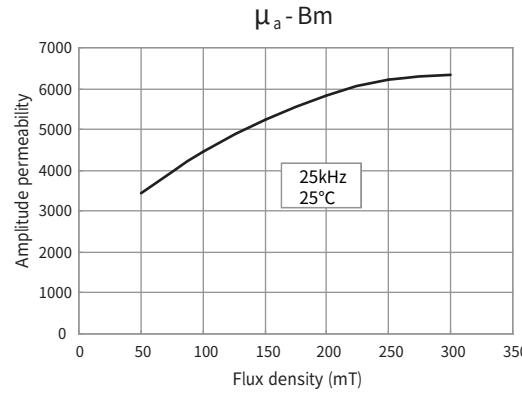


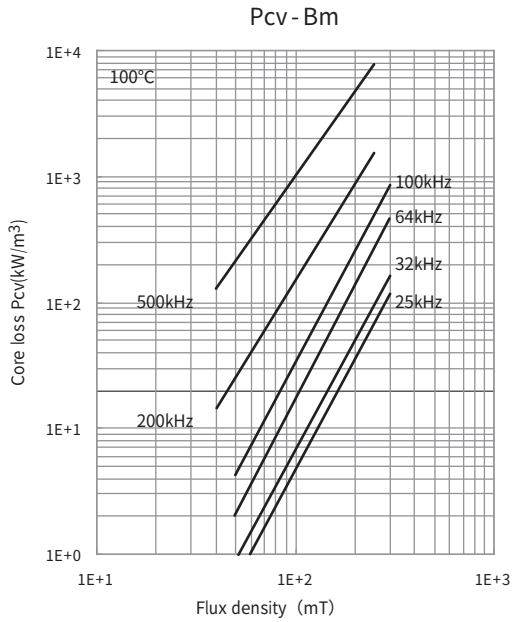
μ_i - Frequency

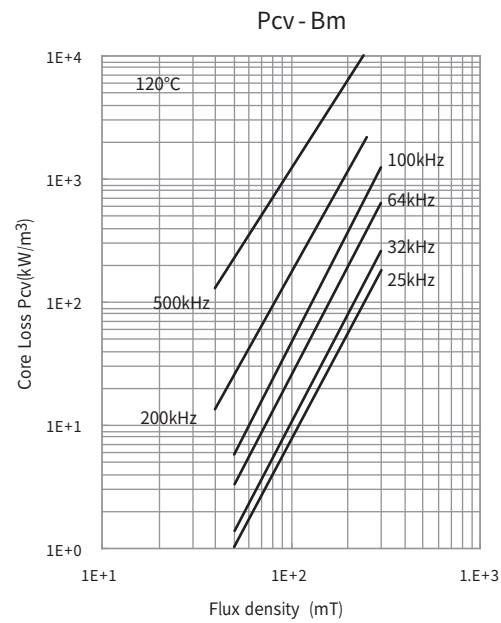


材料/Material:TP4D







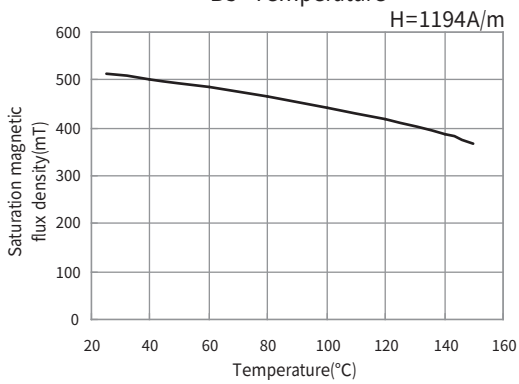


材料/Material:TP4E

特点/Features:

1. 低磁芯损耗,高饱和磁感应强度/Low Core Loss and High Saturation Flux Density
2. 居里温度较高/Higher Curie Temperature

Bs - Temperature



Initial permeability	μ_i	25℃	1500±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃ 100℃	510typ. 440typ.
Core loss	Pcv(kW/m^3) 100kHz 200mT	25℃ 100℃	≤1000 ≤480
Curie temperature	Tc(℃)		≥285
Electrial resistivity	ρ(Ω · m)		/
Density	d(kg/m^3)		4.8×10^3

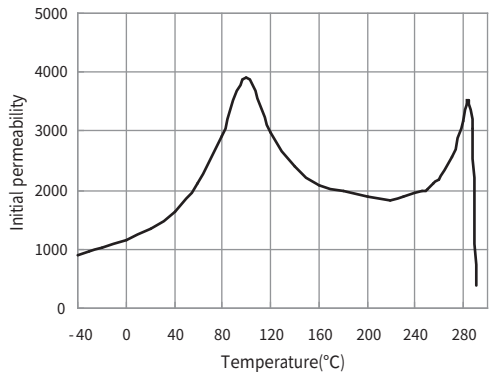
Test core:Toroid(mm)

OD: 31

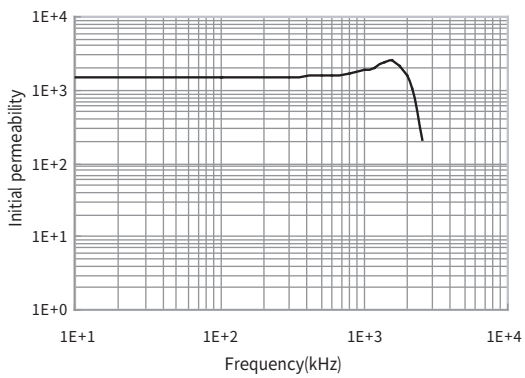
I D: 19

H: 6

μ_i - Temperature

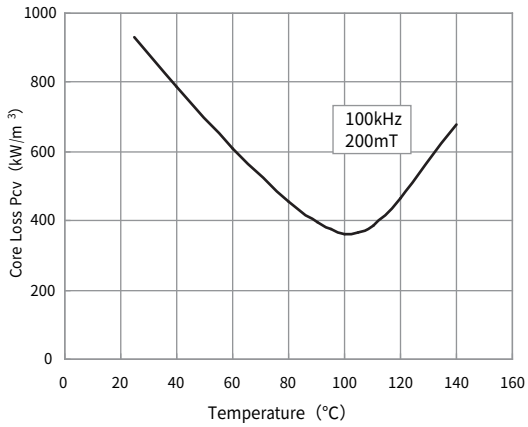


μ_i - Frequency

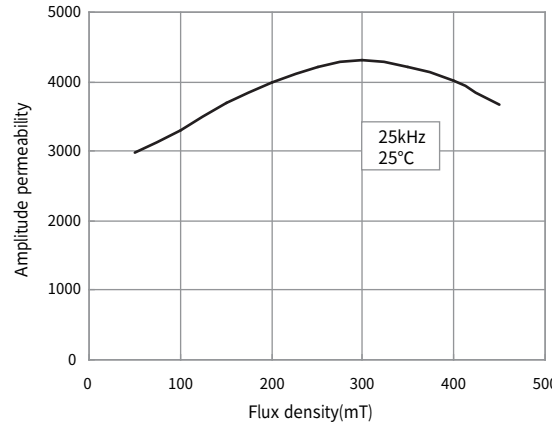


材料/Material:TP4E

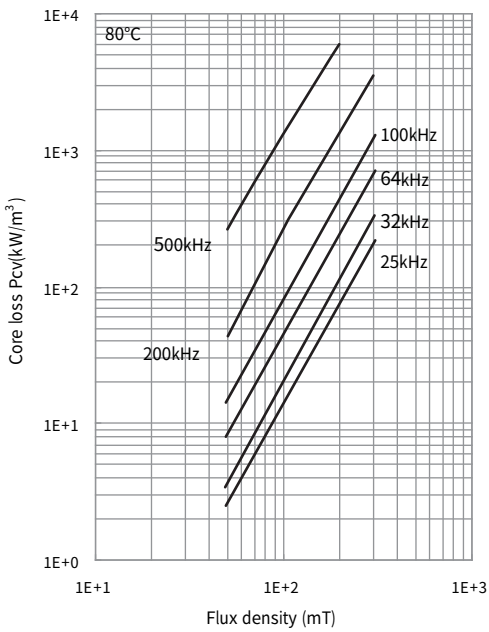
Pcv - Temperature



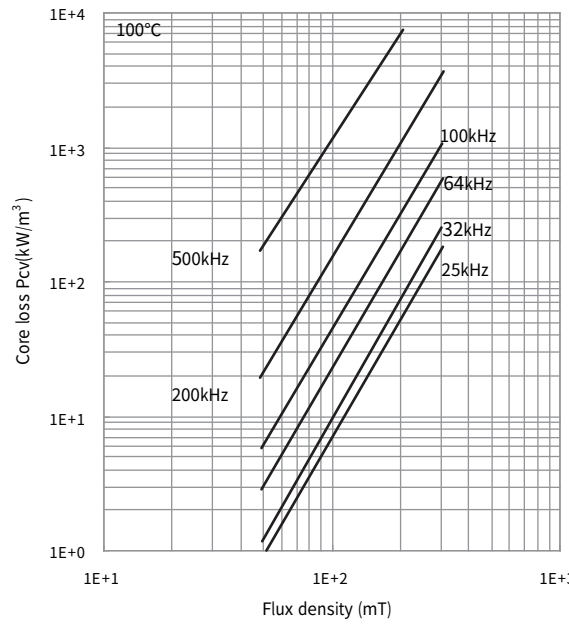
μ_a - Bm



Pcv - Bm



Pcv - Bm

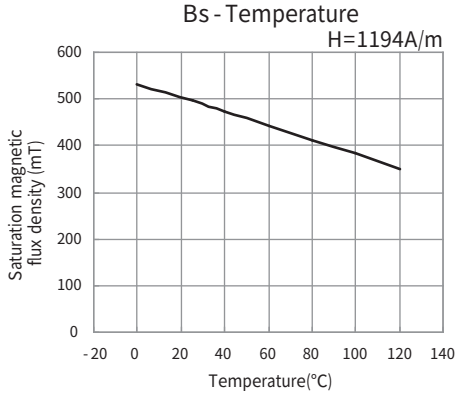


材料/Material:TP4W

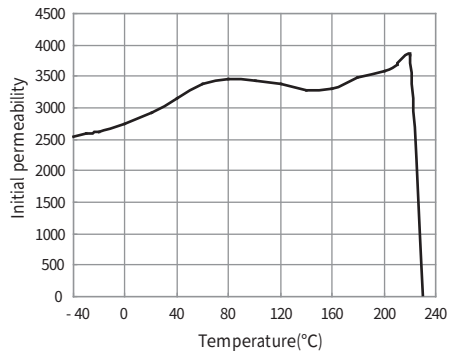
特点/Features:

1. 宽温度低损耗/ Low Core Loss in a Wide Temperature Ranges
2. 高饱和磁感应强度/ High Saturation Flux Density

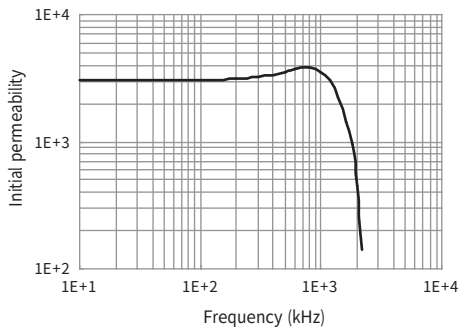
Bs - Temperature



μi - Temperature



μi - Frequency



Initial permeability	μi	25°C	3000±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	500 390
Remanence	Br(mT)	25°C 100°C	50 /
Coercivity	Hc(A/m)	25°C 100°C	8 /
Core loss	Pcv(kW/m^3) 100kHz 200mT	25°C 100°C 120°C	400 350 400
Curie temperature	Tc(°C)		≥220
Electrial resistivity	ρ(Ω · m)		/
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

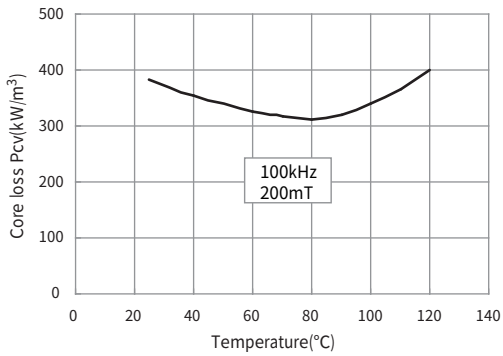
OD: 31

I D: 19

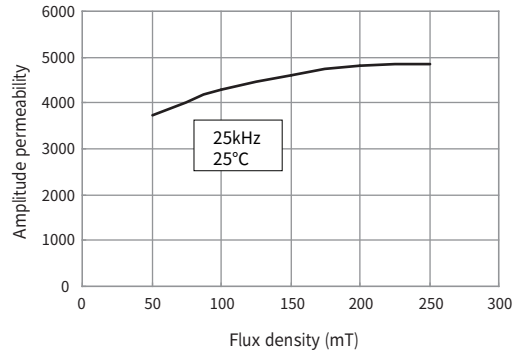
H: 6

材料/Material:TP4W

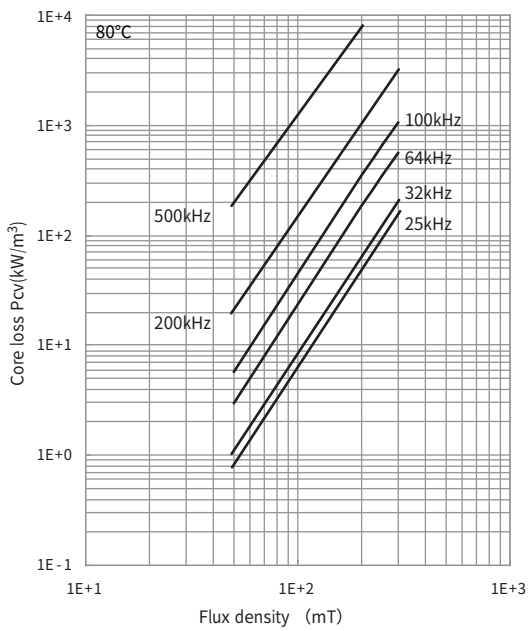
Pcv - Temperature



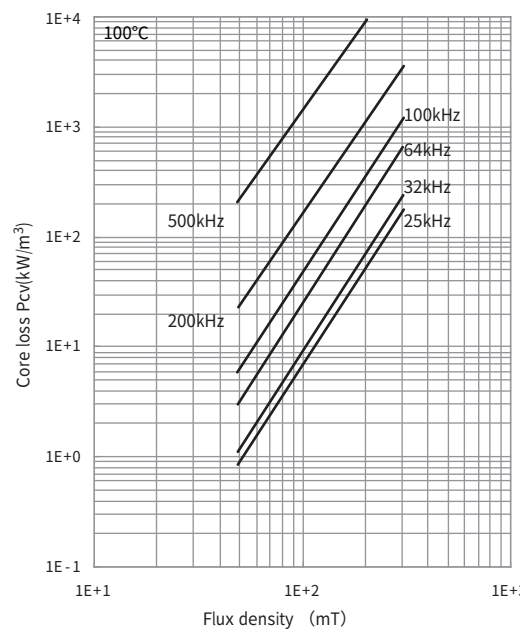
μ_a - Bm



Pcv - Bm



Pcv - Bm

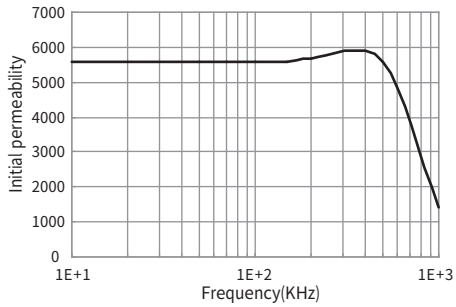


材料/Material:TS5

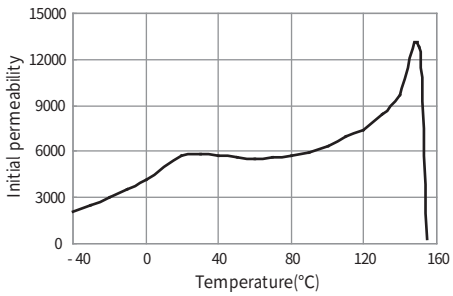
特点/Features:

1. 高磁导率(约5500)/High Initial Permeability(about 5500)
2. 低比损耗因子/ Low Relative Loss Factor
3. 频率特性优良/The Initial Permeability Vs Frequency Characteristic is Good

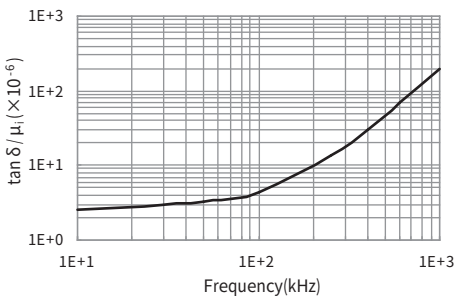
μ_i - Frequency



μ_i - Temperature



$\tan\delta/\mu_i$ - Frequency



Initial permeability	μ_i	25°C	5500±30%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	410
Remanence	Br(mT)	25°C	70
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times10^{-6}$)		10
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$)/°C	20~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times10^{-6}$)	1~10min	<3.0
Curie temperature	Tc(°C)		≥150
Electrial resistivity	ρ(Ω·m)		1
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

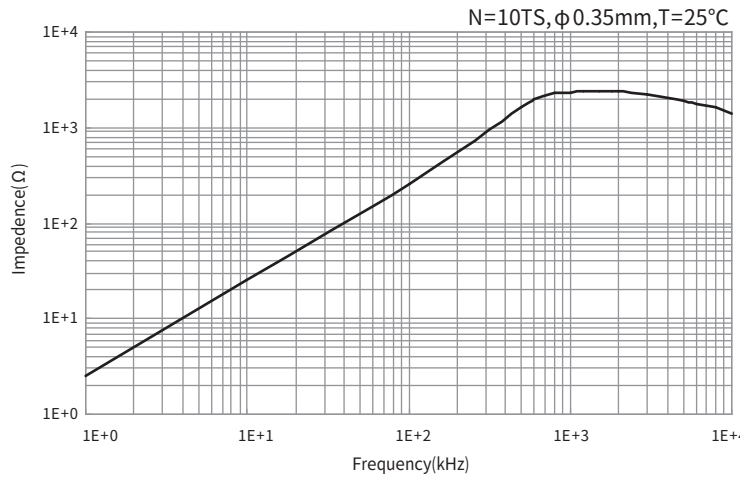
OD: 18

I D: 8

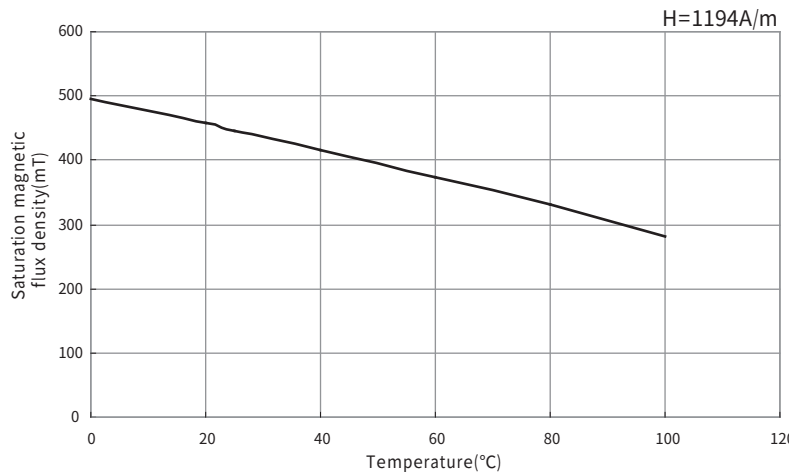
H: 5

材料/Material:TS5

Z-Frequency



Bs-Temperature

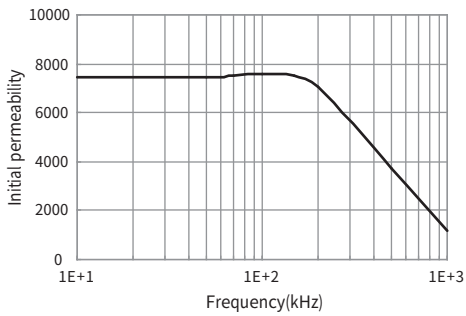


材料/Material:TS7

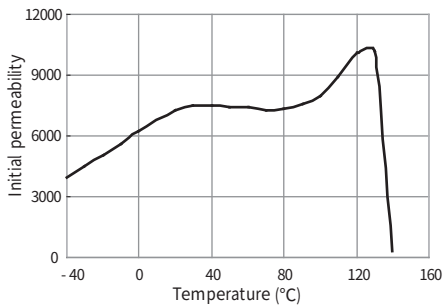
特点/Features:

1. 高磁导率(约7500)/High Initial Permeability(about 7500)
2. 低比损耗因子/ Low Relative Loss Factor
3. 频率特性优良/The Initial Permeability Vs Frequency Characteristic is Good

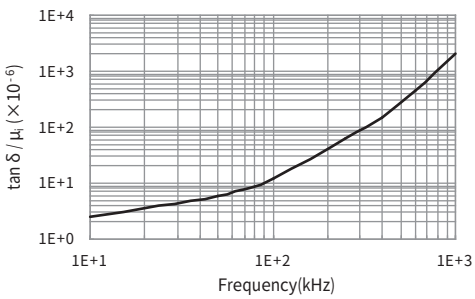
μ_i - Frequency



μ_i - Temperature



$\tan\delta / \mu_i$ - Frequency



Initial permeability	μ_i	25°C	7500±30%
Saturation magnetic flux density	Bs(mT)	25°C	410
Remanence	Br(mT)	25°C	80
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta / \mu_i$ ($\times 10^{-6}$)		20
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times 10^{-6}$/°C)	20~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times 10^{-6}$)	1~10min	＜2.5
Curie temperature	Tc(°C)		≥125
Electrial resistivity	ρ(Ω · m)		0.3
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

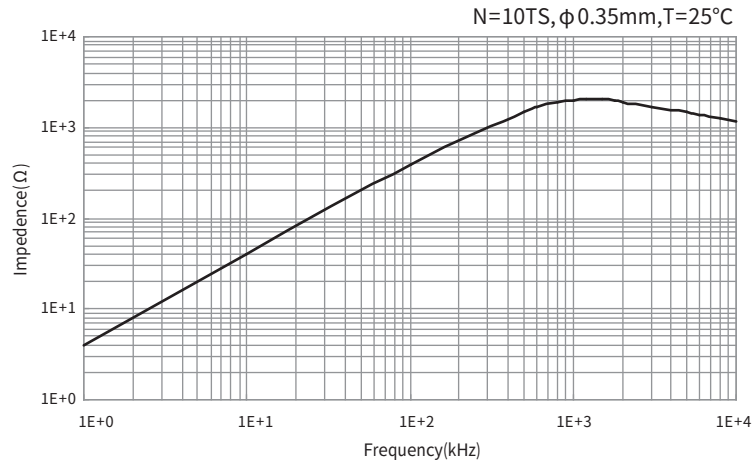
OD: 18

I D: 8

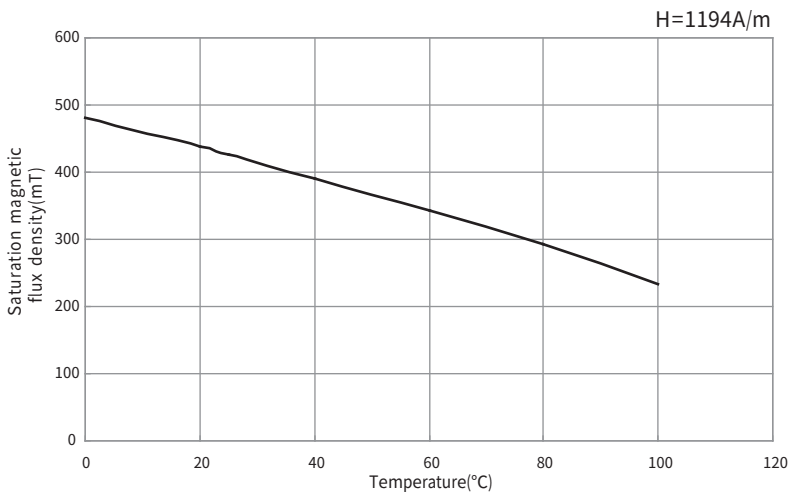
H: 5

材料/Material:TS7

Z-Frequency



Bs-Temperature

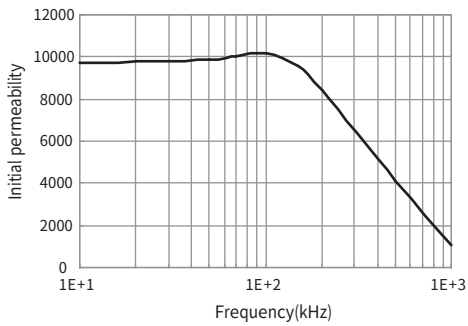


材料/Material:TS10

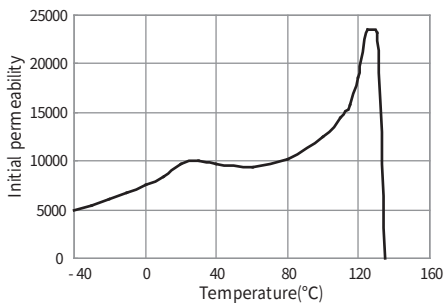
特点/Features:

1. 高磁导率(约10000)/High Initial Permeability(about 10000)
2. 低比损耗因子/ Low Relative Loss Factor
3. 频率特性优良/Good Initial Permeability Vs Frequency Characteristic

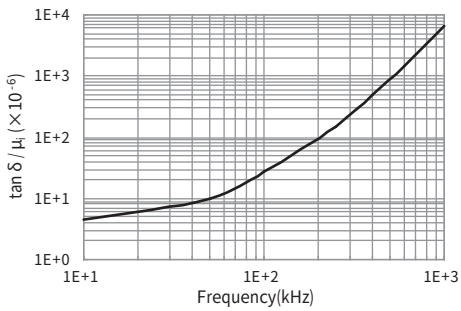
μ_i - Frequency



μ_i - Temperature



tan δ / μ_i - Frequency



Initial permeability	μ_i	25°C	10000±30%
Saturation magnetic flux density	Bs(mT)	25°C	380
Remanence	Br(mT)	25°C	120
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times10^{-6}$)		30
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$/°C)	20~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times10^{-6}$)	1~10min	＜2.0
Curie temperature	Tc(°C)		≥125
Electrial resistivity	ρ(Ω · m)		0.2
Density	d(kg/m^3)		4.9×10^3

Test core:Toroid(mm)

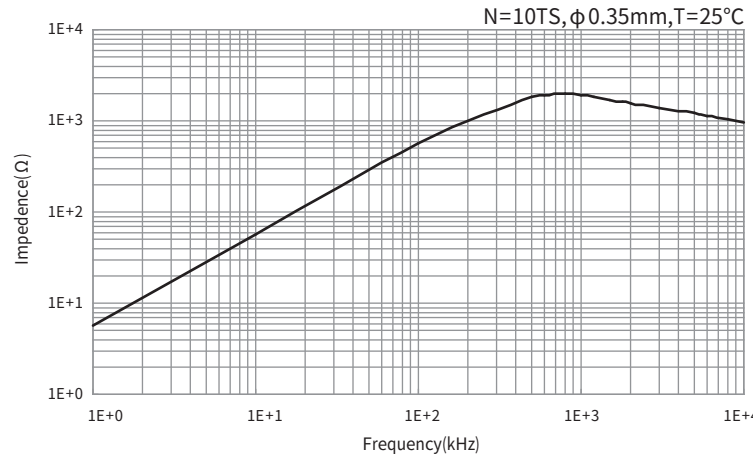
OD: 18

I D: 8

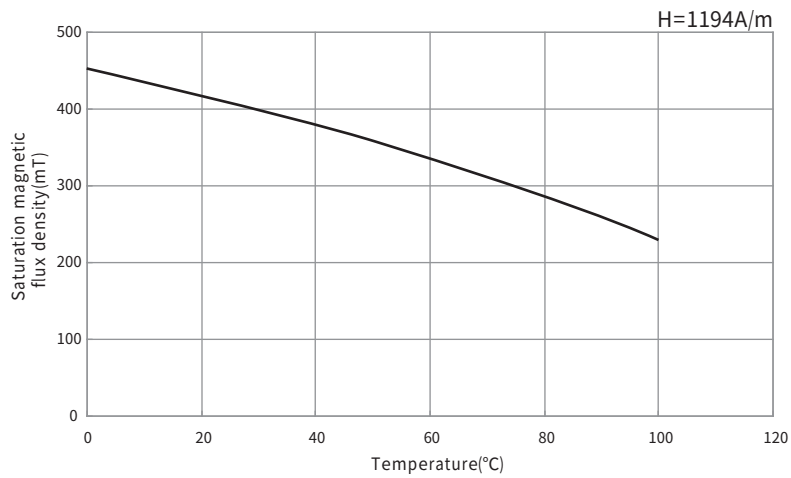
H: 5

材料/Material:TS10

Z-Frequency



Bs-Temperature

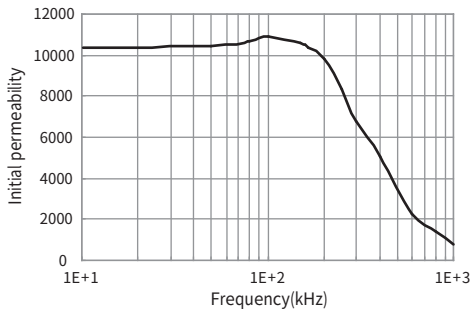


材料/Material:TS10A

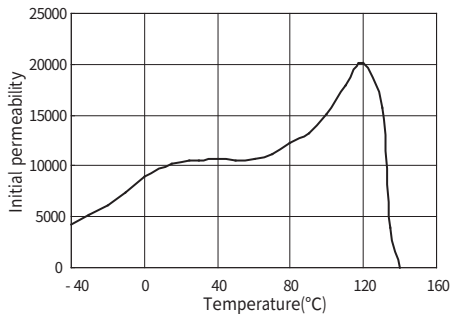
特点/Features:

1. 高磁导率(约10000)/High Initial Permeability(about 10000)
2. 低比损耗因子/ Low Relative Loss Factor
3. 频率特性比TS10更优良/Better Initial Permeability Vs Frequency Characteristic Than TS10

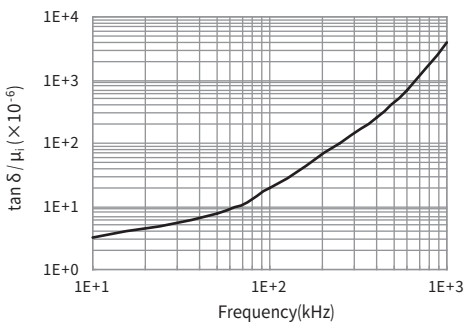
μ_i - Frequency



μ_i - Temperature



$\tan\delta/\mu_i$ - Frequency



Initial permeability	μ_i	25°C	10000±30%
Saturation magnetic flux density	Bs(mT)	25°C	420
Remanence	Br(mT)	25°C	110
Coercivity	Hc(A/m)	25°C	5.5
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times10^{-6}$)		25
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$/°C)	20~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times10^{-6}$)	1~10min	<2.0
Curie temperature	Tc(°C)		≥120
Electrial resistivity	ρ(Ω · m)		0.2
Density	d(kg/m^3)		4.9×10^3

Test core:Toroid(mm)

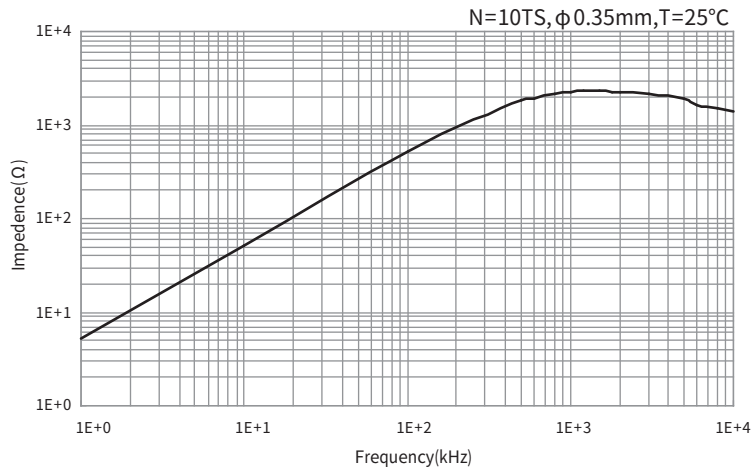
OD: 18

I D: 8

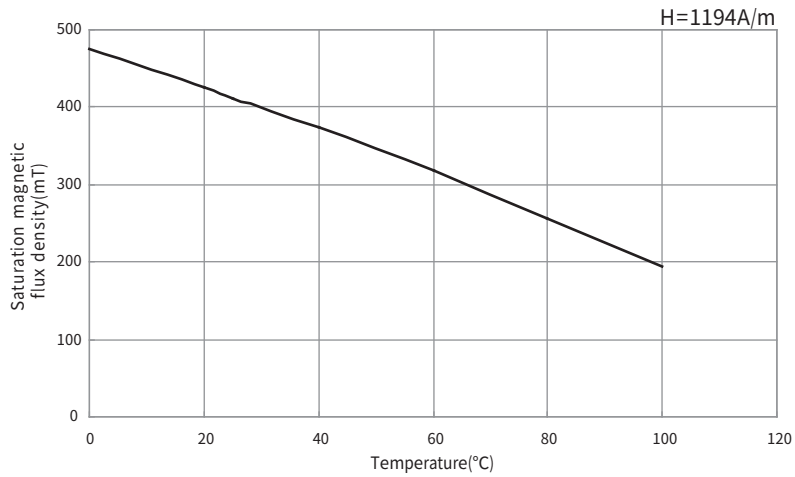
H: 5

材料/Material:TS10A

Z-Frequency



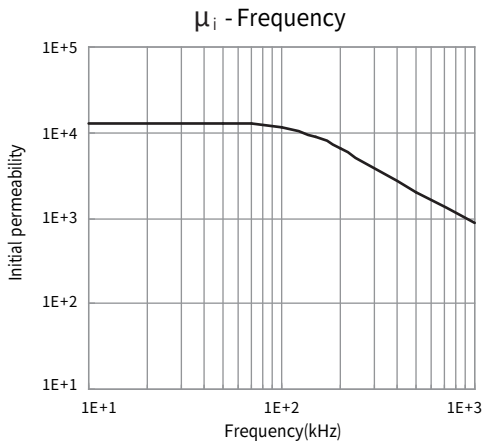
Bs-Temperature

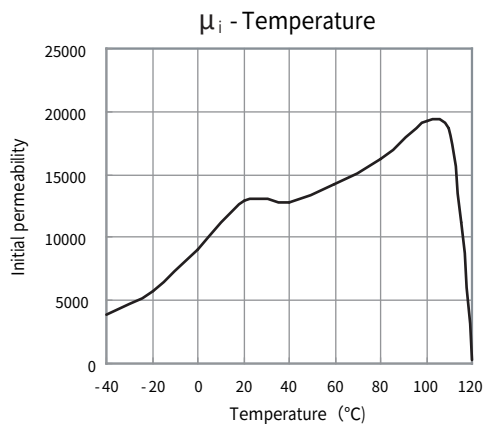


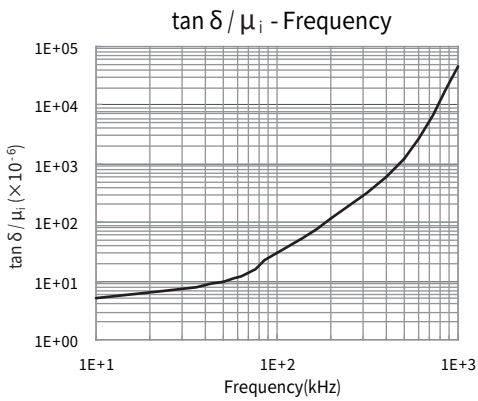
材料/Material:TL13

特点/Features:

1. 高磁导率(约13000)/High Initial Permeability(about 13000)







Initial permeability	μ_i	25℃	13000±30%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃	360
Remanent flux density	Br(mT)	25℃	100
Coercivity	Hc(A/m)	25℃	4.4
Relative loss factor	$\tan\delta / \mu_i$ ($\times 10^{-6}$)	25℃ 10kHz	7
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times 10^{-6}$/℃)	20~60℃	-0.5~3.0
Disaccommodation factor	D_F($\times 10^{-6}$)	1~10min	＜2.0
Curie temperature	Tc(℃)		≥115
Electrial resistivity	ρ(Ω · m)		0.15
Density	d(kg/m^3)		4.95×10^3

Test core:Toroid(mm)

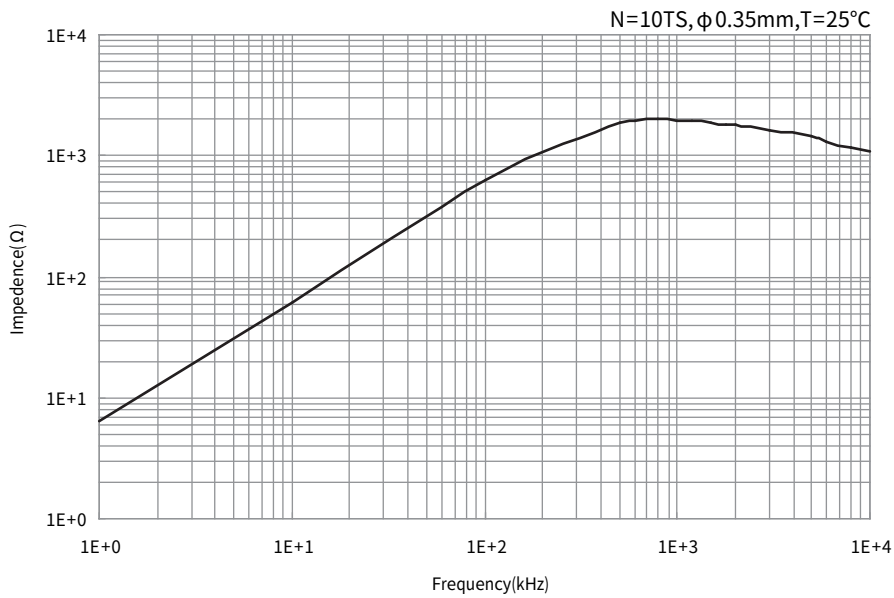
OD: 18

I D: 8

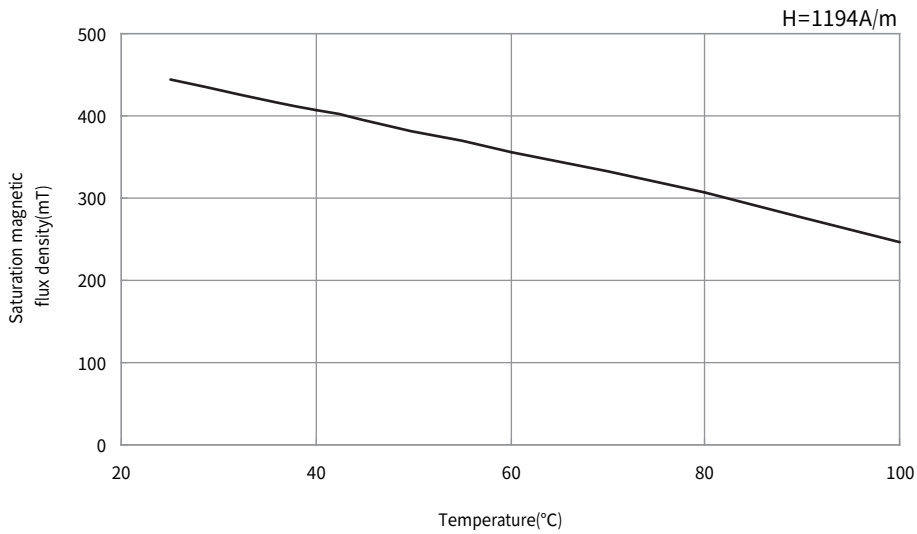
H: 5

材料/Material:TL13

Z-Frequency



Bs-Temperature

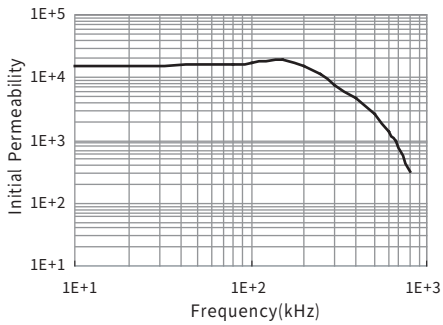


材料/Material:TL15

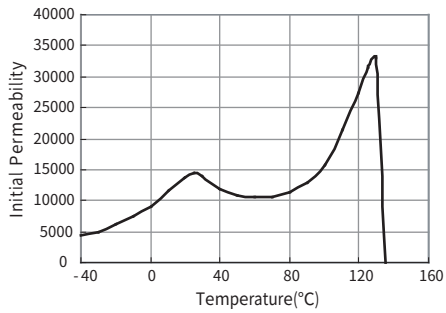
特点/Features:

1. 高磁导率(约15000)/High Initial Permeability(about 15000)

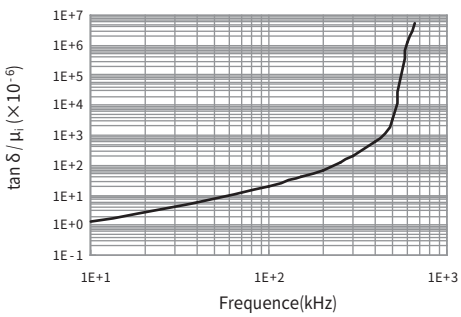
μ_i - Frequency



μ_i - Temperature



tan δ / μ_i - Frequency



Initial permeability	μ_i	25°C	15000±30%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C	360
Remanence	Br(mT)	25°C	100
Coercivity	Hc(A/m)	25°C	4.4
Relative loss factor 10kHz	tan δ / μ_i ($\times 10^{-6}$)		7.0
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times 10^{-6}$/°C)	20~60°C	-0.5~2.0
Disaccommodation factor	D_F ($\times 10^{-6}$)	1~10min	<2.0
Curie temperature	Tc(°C)		≥110
Electrial resistivity	ρ(Ω · m)		0.15
Density	d(kg/m^3)		4.95×10^3

Test core:Toroid(mm)

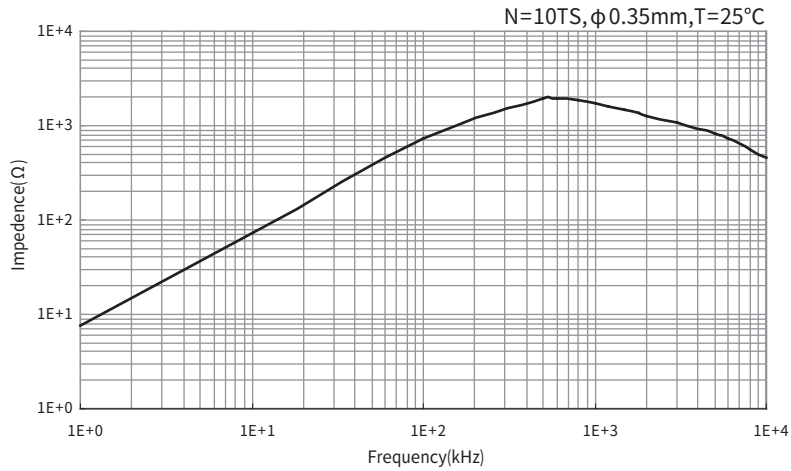
OD: 18

I D: 8

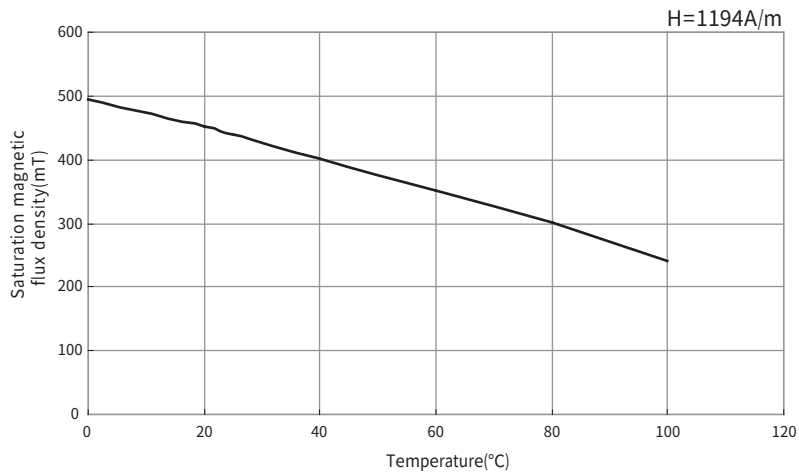
H: 5

材料/Material:TL15

Z-Frequency



Bs-Temperature

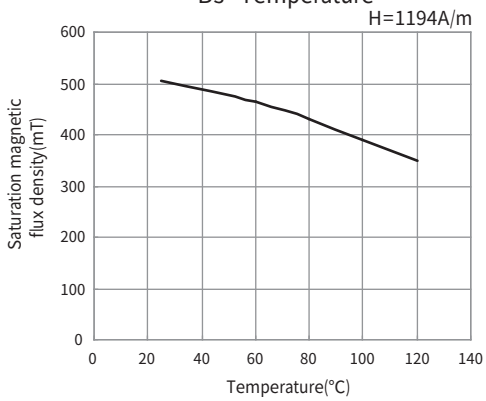


材料/Material:TF3

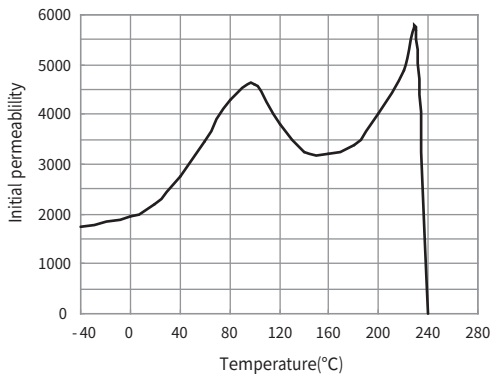
特点/Features:

1. 高饱和磁感应强度/High Saturation Flux Density
2. 低磁芯损耗/ Low Core Loss

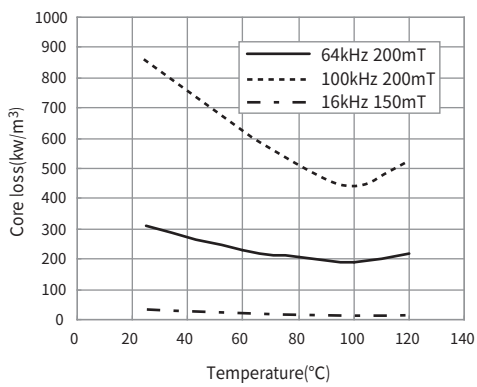
Bs - Temperature



μi - Temperature



Pcv - Temperature



Initial permeability	μi	25°C	2300±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25°C 100°C	500 380
Remanence	Br(mT)	25°C 100°C	130 70
Coercivity	Hc(A/m)	25°C 100°C	14 10
Core loss Pcv(kW/m^3)	16kHz,150mT 64kHz,200mT 100kHz,200mT	100°C 100°C 100°C	15 190 440
Curie temperature	Tc(°C)		≥200
Electrial resistivity	ρ (Ω · m)		3
Density	d(kg/m^3)		4.8×10^3

Test core:Toroid(mm)

OD: 31

I D: 19

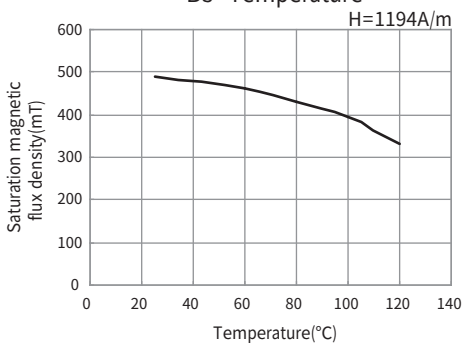
H: 6

材料/Material:TD3

特点/Features:

1. 高饱和磁感应强度/High Saturation Flux Density
2. 较高的初始磁导率/High Initial Permeability
3. 低磁芯损耗/ Low Core Loss

Bs - Temperature



Initial permeability	μ_i	25℃	3200±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃ 100℃	490 390
Disccommodation factor	$D_F(\times 10^{-6})$ 1 ~ 10 min.	25℃	3
Core loss	Pcv(kW/m^3) 100kHz 200mT	25℃ 100℃	380 660
Curie temperature	Tc(℃)		≥200
Electrial resistivity	ρ(Ω · m)		1
Density	d(kg/m^3)		4.8×10^3

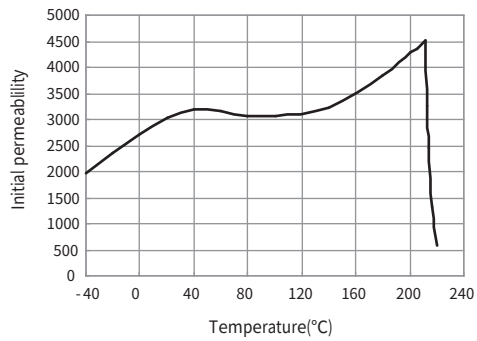
Test core:Toroid(mm)

OD: 31

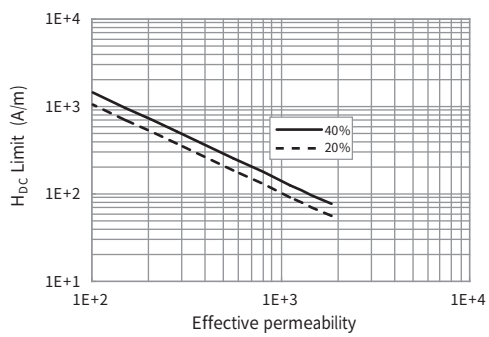
I D: 19

H: 6

μ_i - Temperature



H_{DC} Limit - μ_e

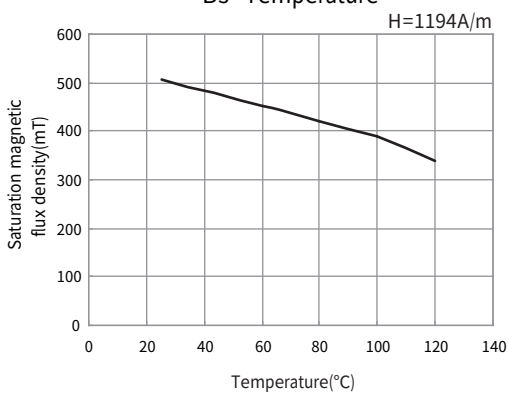


材料/Material:TD5A

特点/Features:

1. 高饱和磁感应强度/High Saturation Flux Density
2. 较高的初始磁导率/High Initial Permeability
3. 低磁芯损耗/ Low Core Loss

Bs - Temperature



Initial permeability	μ_i	25℃	4500±25%
Saturation magnetic flux density	Bs(mT) 1194A/m	25℃ 100℃	500 390
Disccommodation Factor	$D_F(\times 10^{-6})$ 1 ~10 min.	25℃	3
Core loss	Pcv(kW/m³) 100kHz 200mT	25℃ 100℃	600 800
Curie temperature	Tc(℃)		≥185
Electrial resistivity	ρ (Ω · m)		1
Density	d(kg/m³)		4.85×10^3

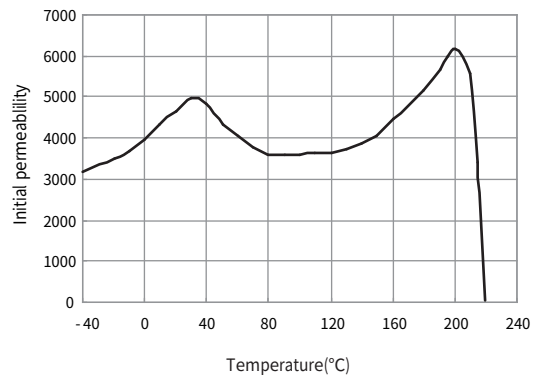
Test core:Toroid(mm)

OD: 31

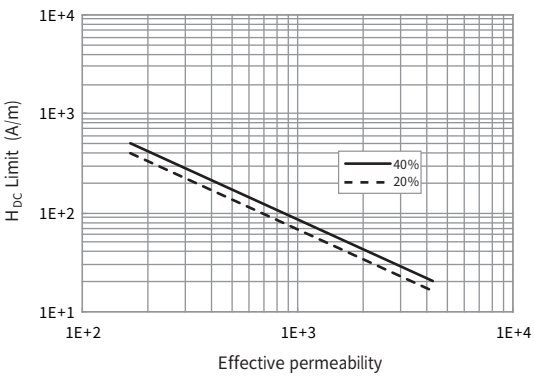
I D: 19

H: 6

μ_i - Temperature



H_{DC} Limit - μ_e

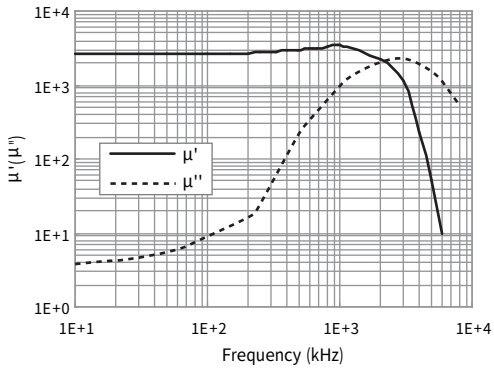


材料/Material:TH2

特点/Features:

1. 低磁滞系数/Low Magnetic Hysteresis Material Constant
2. 低比损耗因子/Low Relative Loss Factor

μ'(μ") - Frequency



Initial permeability	μ_i	25°C	2300±25%
Saturation magnetic flux density	Bs(mT)	25°C	430
Remanent flux density	Br(mT)	25°C	65
Coercivity	Hc(A/m)	25°C	26
Relative loss factor	$\tan\delta/\mu_i$ ($\times10^{-6}$)	25°C 100kHz	4.2
Hysteresis material constant	η_B 1.5~3 mT ($\times10^{-6}$/mT)	25°C	< 0.4
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$/°C)	25~55°C	0.3~1.3
Curie temperature	Tc(°C)		≥180
Electrial resistivity	ρ(Ω · m)		3
Density	d(kg/m^3)		4.7×10^3

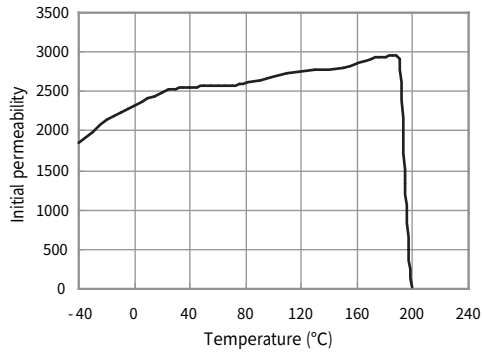
Test core:Toroid(mm)

OD: 31

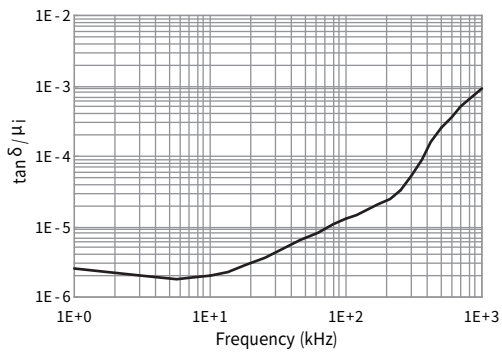
I D: 19

H: 6

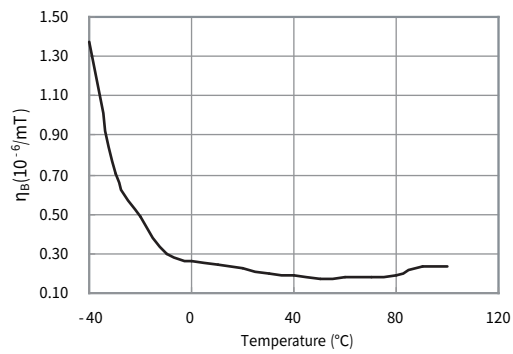
μ_i - Temperature



$\tan\delta/\mu_i$ - Frequency



η_B - Temperature

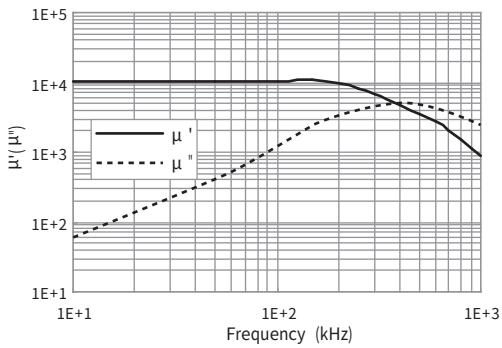


材料/Material:TH10

特点/Features:

1. 低磁滞系数/Low Magnetic Hysteresis Material Constant
2. 低比损耗因子/Low Relative Loss Factor
3. 高初始磁导率(约10000)/High Initial Permeability (about 10000)

μ'(μ") - Frequency



Initial permeability	μ_i	25°C	10000±30%
Saturation magnetic flux density	Bs(mT)	25°C	420
Relative loss factor 10kHz	$\tan\delta/\mu_i$ ($\times10^{-6}$)		3
Hysteresis material constant	η_B 1.5~3 mT ($\times10^{-6}$/mT)	25°C	< 0.3
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times10^{-6}$/°C)	20~60°C	-1~1
Curie temperature	Tc(°C)		≥120
Electrial resistivity	ρ (Ω · m)		0.2
Density	d(kg/m^3)		4.9×10^3

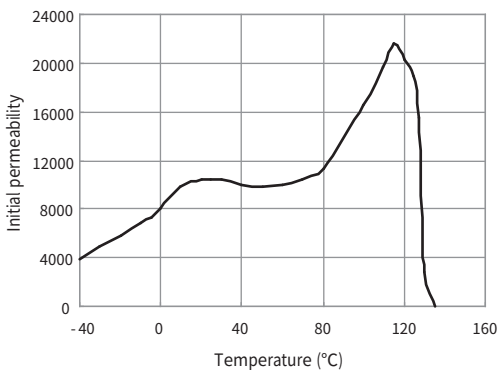
Test core:Toroid(mm)

OD: 18

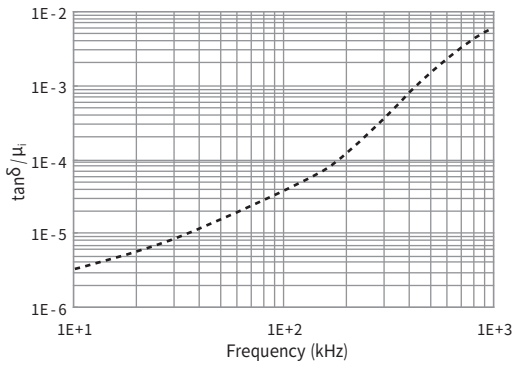
I D: 8

H: 5

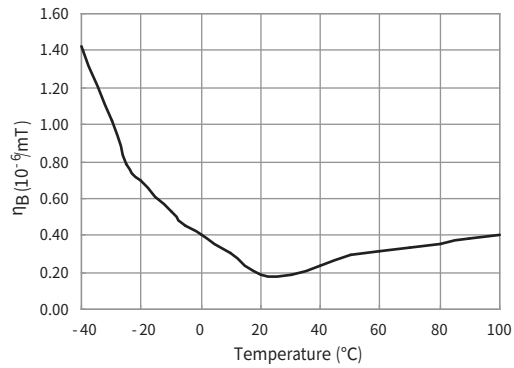
μ_i - Temperature



tan δ / μ_i - Frequency



η_B - Temperature

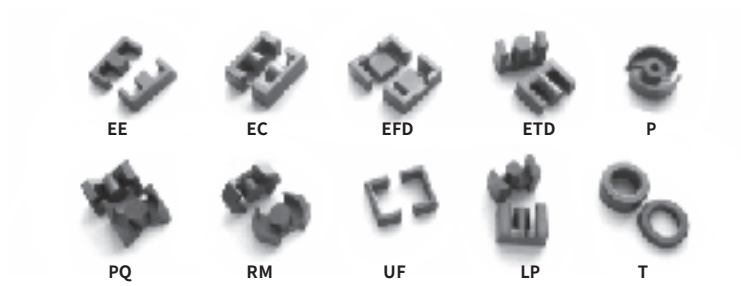


铁氧体磁芯的典型应用
Typical Application of Ferrite Cores

一、功率转换 Power conversion

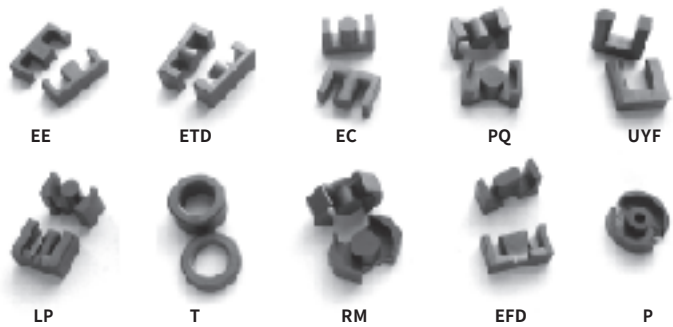
驱动变压器 Driver transformers
产品型号Core Types: EE, EFD,EP,RM,T
材　料 Materials: TP4,TP4A,TP4B,TP4E,TP5,TK,TS5,TP5,TH2

电流变压器 Current transformers
产品型号Core Types: T , UF
材　料 Materials: TP4,TP4A,TP4B,TP4E,TP5,TK,TS5,TS10,TS10A,TL13,TL15

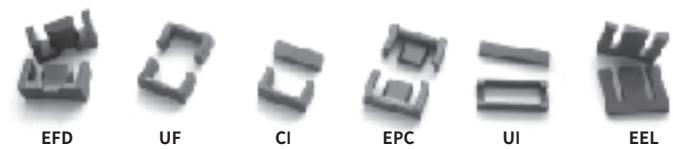


功率电感器 Power inductors
产品型号Core Types：EE, EC,EFD,ETD,P, PQ, RM, UF,LP, T
材　料 Materials：TK,TP4,TP4A,TP4B,TP4E,TP4S, TP4W,TP5,TD3,TD5A

回扫变压器 Fly back transformers
产品型号Core Types： UYF
材　料 Materials： TF3



功率变压器 Power transformers
产品型号Core Types: EE,ETD,EC,PQ,UYF,LP,T,RM,EFD,P
材　料 Materials: TK,TP4,TP4A,TP4B,TP4E,TP4S, TP4W,TP5,TD3,TD5A



LCD 背光源变压器 LCD backlight transformers
产品型号Core Types: EFD,UF,CI,EPC,UI,EEL
材　料 Materials: TK,TP4,TP4A,TP4B,TP4C,TP4D,TP4S,TP4W

二、信号处理 Signal processing

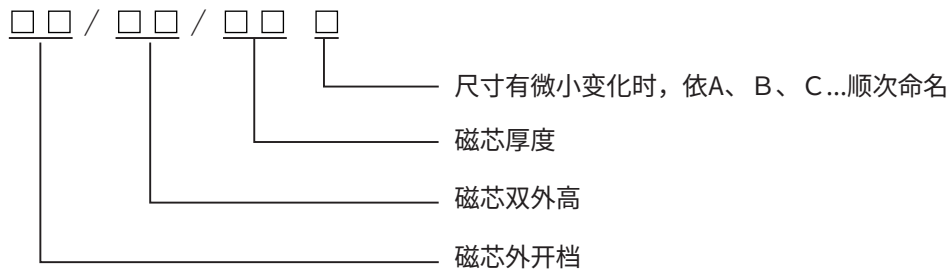
产品型号Core Types: RM,T,EE,EFD,EP,LP,P
材　料 Materials: TP1,TP4,TD3,TD5A,TS5,TS10,TS10A,TL13,TL15,TH2,TH10

三、抗电磁干扰 EMI suppression

产品型号Core Types: T,UF, ET,FT,EE
材　料 Materials: TP1,TP4,TS5,TS7,TS10,TS10A,TL13,TL15

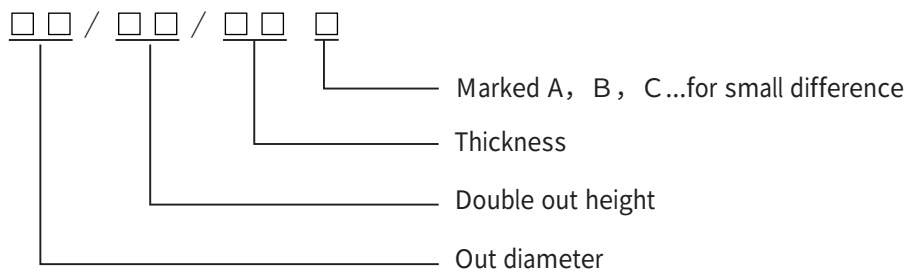
规范:

本公司所生产的MnZn铁氧体磁芯命名方式主要适用如下规范:



Standard:

The standard below had drawn up especially for most of TDG's products:



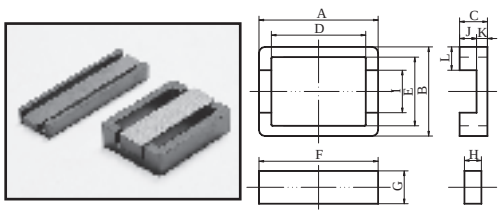


FIG.1

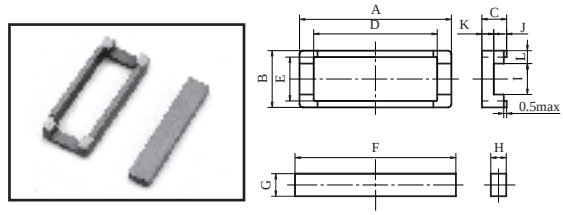
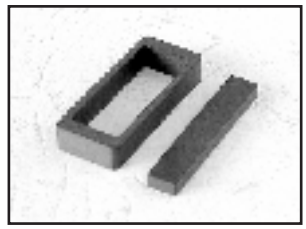


FIG.2

UI型/UI CORE

型号	图例	尺寸 Dimensions (mm)						
TYPE	FIG.	A	B	C	D	E	F	G
UI8/27/3	1	$27.4^{+0.55}_{-0.3}$	$8.3^{+0.2}_{-0.15}$	3.00±0.05	$22.4^{+0.5}_{-0.3}$	$6.5^{+0.15}_{-0.2}$	28.3±0.5	3.85±0.1
UI9/23/4	2	23.4±0.2	8.8±0.2	3.85±0.1	19.3±0.2	6.8±0.2	24.0±0.3	3.5±0.1
UI10/24/3	1	$23.75^{+0.25}_{-0.2}$	$9.8^{+0.1}_{-0.15}$	3.6±0.08	19.2±0.3	$7.3^{+0.2}_{-0.1}$	24.3±0.3	$4.4^{+0.1}_{-0.25}$
UI10/24/3A	3	23.65±0.2	9.85±0.15	3.5±0.1	18.3min	6.65min	24.0±0.25	3.4±0.15
UI12/21/4	1	20.90±0.15	11.7±0.2	3.45±0.15	16.20±0.15	8.80±0.15	21.6±0.2	5.5±0.5
UI12/22/5	1	22.2±0.2	12.3±0.2	4.7±0.1	15.3±0.2	9.0±0.2	$22.5^{+0.4}_{-0}$	4.5±0.1
UI13/23/3	3	22.7±0.2	12.65±0.2	2.75±0.1	17.05min	9.35min	23.2±0.2	5.75±0.05
UI15/20/5	1	19.7±0.3	14.8±0.3	4.6±0.1	15.6±0.3	11.40±0.25	19.9±0.3	5.45±0.15
UI15/27/5	3	26.8±0.2	14.6±0.2	4.7±0.1	19.6min	10.1min	27.3±0.2	6.1±0.2
UI17/32/5	1	32.1±0.2	17.0±0.2	4.6±0.15	27.0min	10.6min	32.3±0.2	5.7±0.2
UI22/32/5	1	31.6±0.3	22.0±0.3	4.36±0.2	28.1±0.3	16.9±0.3	32.6±0.3	10.0±0.2

型号	图例	尺寸 Dimensions (mm)						
TYPE	FIG.	H	I	J	K	L	M	N
UI8/27/3	1	$1.35^{+0.03}_{-0.05}$	5.4±0.1		1.0±0.1			
UI9/23/4	2	2.3±0.1	5.0±0.2		1.45±0.1			
UI10/24/3	1	2.02±0.05	$5.7^{+0.45}_{-0.1}$		$1.45^{+0.05}_{-0.07}$			
UI10/24/3A	3	2.65±0.05						
UI12/21/4	1	1.8±0.15	7.1±0.1		1.25±0.1			
UI12/22/5	1	3.5±0.1	7.0±0.2		3.3±0.05			
UI13/23/3	3	1.55±0.05	2.75±0.1	1.6±0.1				
UI15/20/5	1	2.8±0.15	7.05±0.15		1.80±0.05			
UI15/27/5	3	3.3±0.05						
UI17/32/5	3	3.2±0.05						
UI22/32/5	1	1.96±0.1	12.0±0.15		1.46±0.1			



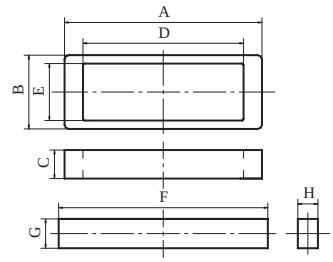


FIG.3

UI型/UI CORE

型号	C1	Ae	Le	Ve	AL±25%(nH/N2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
UI8/27/3	11.50	5.2	59.8	310	250	230	290	1.6
UI9/23/4	4.73	9.6	47.6	757	300	580	740	2.0
UI10/24/3	6.89	7.9	54.4	429	360	390	490	2.2
UI10/24/3A	4.25	10.2	43.5	445	410	640	800	2.3
UI12/21/4	6.18	7.9	48.8	416	420	440	550	2.1
UI12/22/5	4.75	9.9	47.1	467	620	570	720	2.4
UI13/23/3	4.83	10.0	48.4	485	430	570	710	2.5
UI15/20/5	4.36	11.0	48.0	529	500	630	790	2.7
UI15/27/5	3.80	13.9	52.8	736	550	900	910	3.8
UI17/32/5	4.45	15.7	68.5	1087	420	620	790	5.6
UI22/32/5	4.41	16.2	71.2	1150	500	500	790	5.9

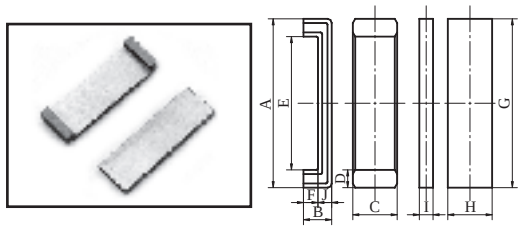


FIG.1

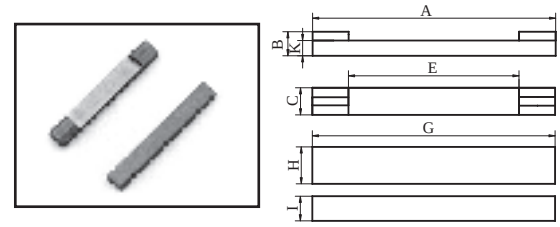


FIG.2

CI型/CI CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
CI11/12	1	10.8±0.2	3.9±0.1	12.1±0.2		3.0±0.2	0.4±0.1
CI13/7	1	12.85±0.3	7.34±0.1	$6.8^{+0.1}_{-0.2}$		7.25min	$4.54^{+0.1}_{-0.15}$
CI14/13	1	14.1±0.25	6.7±0.15	12.5±0.15		8.1±0.25	3.7±0.25
CI21/6	1	20.9±0.4	3.5±0.15	5.5±0.15		16.5±0.3	1.8±0.15
CI27.5/9	1	27.5±0.4	4.0±0.15	8.9±0.1	$2.15^{+0.1}_{-0.15}$		2.1±0.15
CI28.8/3	3	28.8±0.5	3.53±0.075	3.2±0.15		21.6min	2.28±0.1
CI28.8/3A	3	28.8±0.5	$3.6^{+0.075}_{-0.05}$	3.2±0.15	3.4±0.1	21.6min	2.28±0.1
CI28.8/3B	3	28.8±0.5	$3.8^{+0.075}_{-0.05}$	3.2±0.15	3.4±0.1	21.6min	2.28±0.1
CI29/7	1	29.3±0.4	4.1±0.15	7.0±0.15	2.4±0.15		2.2±0.15
CI29/10	4	29.0±0.5	3.4±0.1	10.4±0.3		24.15min	2.1±0.15
CI30/4	2	29.7±0.3	3.2±0.1	4.3±0.2		19.7±0.3	

型号	图例	尺寸 Dimensions (mm)				
TYPE	FIG.	G	H	I	J	K
CI11/12	1			3.5±0.1		
CI13/7	1			$2.8^{+0.05}_{-0.1}$		
CI14/13	1			3.0±0.15		
CI21/6	1	21.05±0.4	5.5±0.15	1.7±0.1		
CI27.5/9	1	28.0±0.4	9.0±0.1	1.9±0.15	2.0±0.1	
CI28.8/3	3	29.5±0.5				
CI28.8/3A	3	29.5±0.5	3.5±0.1	2.2±0.05		
CI28.8/3B	3	29.5±0.5	3.5±0.1	2.2±0.05		
CI29/7	1	29.5±0.4	6.9±0.15	2.0±0.15		
CI29/10	4	29.6±0.5	7.0±0.2	2.0±0.05	7.15±0.15	
CI30/4	2	30.0±0.3	3.55±0.15	2.25±0.05		1.85±0.15

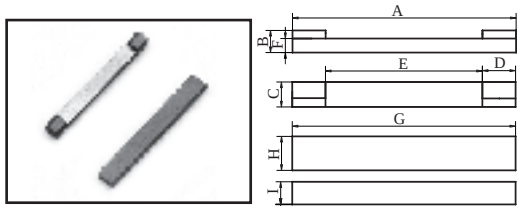


FIG.3

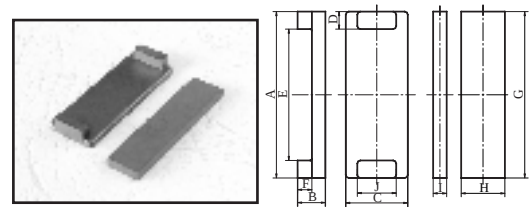


FIG.4

CI型/CI CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N2) TP4	TP4A	TP4W	重量(g) Weight
CI11/12	0.42	44.0	18.4	810	3540	4200	4090	4.70
CI13/7	1.72	18.7	32.2	600	1100	1110	1280	3.40
CI14/13	0.88	37.5	33.0	1238	2110	2500	2540	6.36
CI21/6	4.40	9.7	42.5	410	480	470	550	2.40
CI27.5/9	3.31	17.2	56.9	976	640	670	800	4.96
CI28.8/3	8.32	6.2	52.1	307	360	260	310	1.58
CI28.8/3A	7.43	7.4	55.2	410	400	300	350	2.11
CI28.8/3B	7.30	7.5	54.5	406	400	300	360	2.09
CI29/7	4.30	13.9	60.0	836	500	700	630	4.10
CI29/10	3.60	15.5	56.6	875	400	610	730	4.30
CI30/4	5.40	8.3	50.1	417	360	400	470	2.56

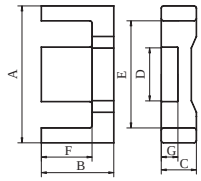
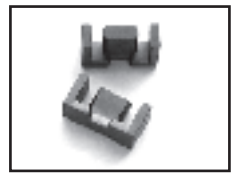


FIG.1



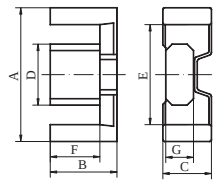


FIG.3

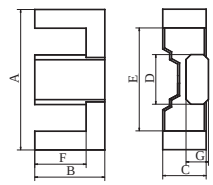
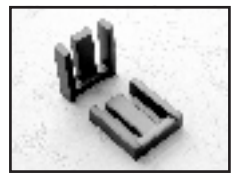


FIG.2



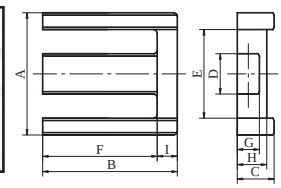


FIG.4

EFD型/EFD CORE

型号	图例	尺寸 Dimensions (mm)						
TYPE	FIG.	A	B	C	D	E	F	G
EFD10.5/10/3	2	10.5±0.3	5.2±0.1	2.7±0.1	4.55±0.15	7.65±0.25	3.75±0.15	1.45±0.05
EFD12.5/12/4	2	12.5±0.3	6.2±0.1	3.5±0.1	5.4±0.15	$9.0^{+0.25}_{-0.2}$	4.55±0.15	2.0±0.1
EFD13.9/17/3	1	13.9±0.35	8.6±0.2	3.3±0.2	5.6±0.15	10.45±0.25	6.55±0.25	1.6±0.15
EFD15/15/5	2	15.0±0.4	7.5±0.15	4.65±0.15	5.3±0.15	11.0±0.35	5.5±0.25	2.4±0.1
EFD15/18/7	7	14.9±0.6	8.75±0.15	6.8±0.2	5.6±0.2	11.1±0.3	6.2±0.2	4.6±0.2
EFD16.4/20/5	1	16.4±0.4	10.0±0.2	4.5±0.15	6.7±0.15	12.6min	8.3±0.2	2.35±0.15
EFD18/40/5	4	18.5max	20.1±0.2	5.3±0.15	6.0±0.15	13.1min	17.1±0.2	3.0±0.2
		H:4.3±0.15	I:3.0±0.15					
EFD18.4/34/5	5	18.4±0.4	17.2±0.2	4.99±0.2	6.8±0.15	13.0±0.3	14.1±0.15	2.69±0.15
		H:3.8±0.15						
EFD20/20/7	3	20.0±0.55	10.0±0.25	$6.65^{+0.2}_{-0.15}$	8.9±0.2	15.4±0.5	7.7±0.25	3.6±0.2
EFD20/23/6	3	20.0±0.55	11.5±0.15	5.6±0.1	8.9±0.2	15.4±0.5	9.3±0.15	3.6 ±0.15
EFD20/23/5	3	20.0±0.4	11.5±0.15	5.4±0.1	8.9±0.2	15.4±0.5	9.3±0.15	3.6 ±0.15
EFD23/20/3	6	23.0±0.6	10.0±0.15	3.0±0.1	13.35±0.4	16.35±0.25	6.7±0.15	1.5±0.1
EFD25/25/9	3	25.0±0.65	12.5±0.25	9.1±0.2	11.4±0.2	18.7±0.6	9.3±0.25	5.2±0.25
EFD25/26/12	7	25.05±0.65	12.9±0.2	12.45±0.25	8.8±0.25	18.8min	9.85±0.25	8.3±0.3
EFD25.5/25/9	3	25.5±0.6	12.5±0.15	9.2±0.2	11.4±0.2	19.3±0.6	9.3±0.25	5.2±0.15
EFD25.6/25/9	3	25.6±0.65	12.5±0.15	9.1±0.2	11.35±0.15	19.3 min	$9.3^{+0.25}_{-0}$	$5.2^{+0.1}_{-0.15}$
EFD25/31/11	3	25.0±0.5	15.3±0.25	11.0±0.2	10.0±0.2	19.0min	12.0±0.3	6.5±0.2
EFD29.7/33/13	7	29.7±0.8	16.4±0.3	12.5±0.4	11.6±0.3	22.1±0.5	11.9±0.3	8.2±0.3
EFD30/30/9	3	30.0±0.8	15.0±0.25	9.1±0.3	14.6±0.3	22.4±0.75	11.2±0.3	4.9±0.15
EFD30/30/9A	3	30.75max	15.5max	9.0±0.2	14.6±0.25	23.1min	11.5±0.2	4.9±0.15
EFD31/30/9	3	31.7max	15.2±0.3	$9.0^{+0.3}_{-0.2}$	$14.6^{+0.3}_{-0.25}$	23.8min	11.5±0.2	$4.9^{+0.2}_{-0.15}$

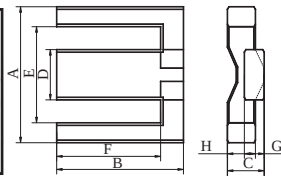
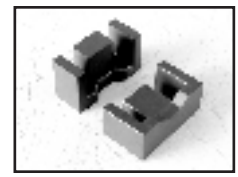


FIG.5



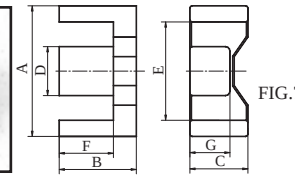
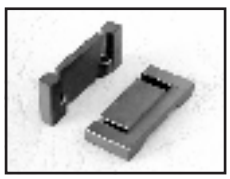


FIG.7



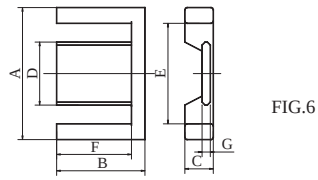
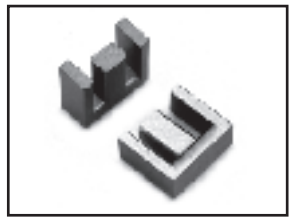
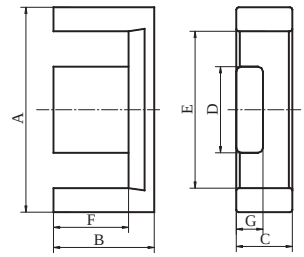


FIG.6

EFD型/EFD CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25% TP4	TP4A	TP4W	重量(g) Weight
EFD10.5/10/3	3.29	7.2	23.7	171	525	550	600	0.9
EFD12.5/12/4	2.54	10.9	27.7	301	700	750	800	1.7
EFD13.9/17/3	3.90	9.7	37.7	364	545	560	620	1.8
EFD15/15/5	2.27	15.0	34.0	510	780	800	950	2.8
EFD15/18/7	1.40	27.7	38.7	1070	1250	1300	1600	5.9
EFD16.4/20/5	3.24	14.5	47.0	684	690	700	800	3.4
EFD18/40/5	3.88	21.3	82.5	1756	640	660	820	9.7
EFD18.4/34/5	3.65	19.8	72.3	1430	660	680	800	7.9
EFD20/20/7	1.52	31.0	47.0	1460	1400	1500	1800	7.2
EFD20/23/6	2.00	26.4	52.6	1391	1100	1180	1400	6.9
EFD20/23/5	2.00	25.6	51.6	1319	1100	1180	1400	6.5
EFD23/20/3	2.15	20.0	42.8	854	1100	1100	1200	4.7
EFD25/25/9	1.00	58.0	57.0	3300	2000	2100	2600	16.3
EFD25/26/12	0.81	74.0	60.2	4455	2500	2600	3400	24.6
EFD25.5/25/9	1.04	56.4	58.6	3308	2200	2300	2700	16.4
EFD25.6/25/9	1.07	55.4	59.0	3268	1800	2000	2600	16.2
EFD25/31/11	1.19	64.6	70.5	4549	2000	2100	2500	22.5
EFD29.7/33/13	0.76	99.0	74.8	7410	2800	3000	3800	40.9
EFD30/30/9	0.99	69.0	68.0	4700	2400	2500	2800	23.2
EFD30/30/9A	1.06	65.7	69.6	4570	2050	2200	2500	22.6
EFD31/30/9	1.05	67.3	70.8	4763	2050	2200	2500	23.5





EM型/EM CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	D	E	F	G
EM6.5/7	6.5±0.15	3.65±0.1	3.0±0.1	2.5±0.1	5.2±0.15	2.85±0.1	1.7±0.1
EM7.6/17	7.65±0.15	8.5±0.15	$2.2^{+0.1}_{-0.05}$	$3.0^{+0.05}_{-0.1}$	5.85±0.15	$7.0^{+0.15}_{-0.075}$	1.25±0.1
EM9.2/9	9.2±0.15	4.5±0.1	2.9±0.1	5.1±0.1	6.55min	3.1±0.1	1.9±0.1
EM9.2/9A	9.2±0.15	4.5±0.1	1.9±0.1	5.1±0.1	6.55min	3.1±0.1	0.9±0.1
EM9.8/12	9.8±0.3	5.9±0.15	1.7±0.1	4.2±0.2	6.7±0.3	5.0±0.2	0.55±0.1
EM10.25/13	10.25±0.3	6.25±0.1	3.55±0.15	3.15±0.15	7.6±0.35	5.0±0.15	1.45±0.1
EM10.7/13	10.74±0.2	6.25±0.1	3.54±0.1	3.23±0.1	8.22±0.15	5.0±0.1	1.51±0.1
EM10.7/13A	10.7±0.4	6.4±0.2	3.5±0.15	3.2±0.2	8.2min	5.15±0.15	1.5±0.1
EM11.9/12	11.9±0.2	6.05±0.2	4.05±0.15	5.15±0.15	9.4±0.2	4.9±0.125	2.2±0.1
EM12/36	12.0±0.25	17.9±0.2	3.3±0.15	4.8±0.2	8.8±0.25	15.3±0.25	2.1±0.1
EM12.4/13	12.4±0.2	6.3±0.2	4.0±0.1	5.15±0.15	9.65±0.25	4.9±0.2	2.2±0.1
EM12.7/14	12.7±0.25	6.85±0.15	3.3±0.15	6.0±0.1	9.0min	4.55±0.15	1.85±0.1
EM12.7/21	12.7±0.2	10.6±0.15	5.4±0.15	4.5±0.15	8.9±0.2	8.2±0.15	3.5±0.1
EM13.4/12	13.4±0.2	6.05±0.15	3.5±0.15	6.8±0.1	10.4±0.2	3.9±0.15	1.8±0.1
EM13.5/14	13.5±0.4	6.75±0.15	3.0±0.1	6.0±0.15	10.5±0.2	4.75±0.15	1.5±0.1
EM13.5/22	13.5±0.3	11.0±0.15	3.8±0.15	5.3±0.15	9.8min	8.5±0.15	2.3±0.1
EM13.5/23	13.5±0.3	11.3±0.2	4.5±0.15	5.3±0.15	9.8min	8.6±0.15	3.0±0.1
EM13.9/12	13.9±0.25	6.0±0.15	2.9±0.2	$7.6^{+0.2}_{-0.05}$	10.6min	3.75±0.15	$1.2^{+0.1}_{-0.2}$
EM15/29	15.0±0.3	14.7±0.2	4.2±0.2	5.8±0.2	10.6±0.3	12.5±0.2	2.8±0.2
EM16.6/39	16.6±0.3	19.5±0.2	4.4±0.1	6.0±0.1	11.75±0.15	16.5±0.15	3.1±0.1
EM16.6/39A	16.55±0.25	19.4±0.15	4.45±0.1	5.8±0.1	11.4min	16.45±0.2	2.8±0.1
EM17.5/15	17.5±0.3	7.4±0.2	4.8±0.2	6.0±0.15	12.2min	5.2±0.2	3.8±0.1
EM17/17	17.0±0.4	8.5±0.1	5.3±0.15	6.95±0.15	12.65±0.35	6.4±0.2	3.0±0.15

EM型/EM CORE

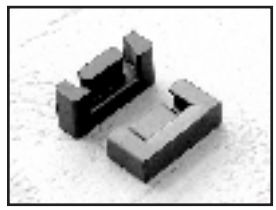
型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	TP4A	TP4W	重量(g) Weight
EM6.5/7	3.84	3.4	13.0	44.3	400	400	440	0.2
EM7.6/17	8.58	4.0	34.7	140	210	210	250	0.7
EM9.2/9	2.35	8.2	19.3	158	670	680	760	0.8
EM9.2/9A	4.07	4.8	19.5	94	390	400	440	0.5
EM9.8/12	9.15	2.6	23.5	60	200	200	230	0.3
EM10.25/13	4.46	6.0	26.7	160	400	410	480	0.8
EM10.7/13	4.56	6.2	28.3	175	400	410	480	0.9
EM10.7/13A	4.70	6.1	28.9	177	400	400	460	0.9
EM11.9/12	2.80	10.3	29.3	302	660	680	780	1.5
EM12/36	6.70	10.9	71.8	767	330	330	400	3.9
EM12.4/13	2.70	11.2	30.1	336	680	700	820	1.7
EM12.7/14	2.40	12.0	29.0	348	780	800	920	1.8
EM12.7/21	2.27	18.6	42.3	787	1000	1050	1200	4.0
EM13.4/12	2.20	12.0	26.7	322	860	900	1000	1.7
EM13.5/14	3.10	9.6	29.6	286	650	680	750	1.5
EM13.5/22	3.40	13.4	45.3	607	620	640	760	3.1
EM13.5/23	2.82	16.5	46.6	770	760	780	920	4.0
EM13.9/12	2.72	9.6	26.1	252	660	680	760	1.3
EM15/29	3.60	17.4	62.6	1087	640	660	780	5.6
EM16.6/39	3.95	20.4	80.4	1638	650	680	780	8.4
EM16.6/39A	4.14	18.9	78.1	1474	600	620	740	7.6
EM17.5/15	1.53	23.0	35.1	809	1300	1400	1600	4.2
EM17/17	1.82	21.9	39.9	874	1028	1100	1600	4.5

EM型/EM CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	D	E	F	G
EM17.7/20	17.7±0.3	10.15±0.15	5.6±0.15	7.5±0.3	13.1min	7.85±0.15	3.3±0.1
EM18.5/39	18.5±0.5	19.9±0.2	3.85±0.25	7.6±0.2	14.5±0.5	17.8±0.2	$1.96^{+0.1}_{-0.2}$
EM21.1/19	21.1±0.4	9.5±0.2	5.0±0.15	9.3±0.2	16.2min	6.75min	2.55±0.2
EM21.2/24	21.2±0.4	11.8±0.2	5.9±0.15	9.4±0.2	15.8min	9.2±0.2	3.3±0.1
EM22/37	22.0±0.5	18.3±0.2	4.36±0.25	10.0±0.2	16.9±0.5	15.9min	$1.96^{+0.1}_{-0.2}$
EM22.2/40	22.15±0.4	19.8±0.15	4.8±0.1	7.7±0.1	16.5min	17.05±0.2	2.0±0.1
EM22.7/22	22.7±0.3	11.0±0.15	10.2±0.2	7.35±0.15	16.8±0.3	7.4±0.15	6.85±0.15
EM22.9/16	22.9±0.35	7.75±0.15	10.2±0.2	7.35±0.15	17.0±0.3	4.45±0.2	6.85±0.15
EM24.3/35	24.3±0.5	17.35±0.1	4.36±0.25	12.0±0.2	18.9±0.5	14.45min	$1.96^{+0.1}_{-0.2}$
EM24.5/27	24.47±0.65	13.5±0.15	9.29±0.2	11.0±0.2	18.3±0.6	9.325±0.25	5.2±0.15
EM25/34	25.0±0.45	16.8±0.25	11.5±0.25	9.5±0.15	19.2min	13.4±0.25	6.5±0.15
EM25.6/29	25.6±0.4	14.65±0.2	6.1±0.2	12.0±0.2	19.3min	11.5±0.25	3.2±0.15
EM30/52	30.0±0.4	26.0±0.2	6.0±0.2	12.0±0.2	24.0±0.4	23.0±0.2	2.35±0.15
EM31.6/41	31.6±0.45	20.4±0.2	7.4±0.2	14.5±0.3	24.6min	16.4±0.2	3.35±0.15
EM31.8/44	31.8±0.45	22.2±0.2	5.1±0.2	15.45±0.25	21.5min	17.2±0.25	3.1±0.15
EM35/58	35.0±0.6	29.1±0.2	$5.4^{+0.1}_{-0.15}$	15.0±0.25	24.0±0.6	23.4±0.2	3.75±0.15
EM35.8/56	35.8±0.5	28.0±0.5	4.91±0.2	13.65±0.2	21.9min	21.3±0.3	3.75±0.2
EM36/46	36.0±0.4	23.1±0.25	7.0±0.2	17.5±0.25	25.5min	18.1±0.25	3.95±0.15
EM37/40	37.0±0.4	19.8±0.2	6.7±0.25	18.8±0.2	26.05±0.35	14.55±0.2	3.8±0.15
EM40.8/59	40.8±0.5	29.5±0.25	6.0±0.2	18.4±0.25	27.5min	22.65±0.25	4.15±0.15
EM42/71	42.0±0.5	35.65±0.25	3.71±0.2	19.0±0.3	26.7±0.5	28.2±0.3	3.0±0.15
EM43.6/46	43.6±0.6	23.2±0.25	12.0±0.25	18.0±0.25	34.0±0.5	18.2±0.25	6.0±0.15
EM46/60	46.0±0.55	30.0±0.25	12.0±0.15	20.0±0.2	36.0±0.5	24.0±0.2	6.0±0.15
EM50.5/64	50.5±0.6	32.0±0.3	19.5±0.3	20.25±0.3	35.5±0.6	24.5±0.3	14.0±0.3
EM56.8/48	56.8±0.5	24.0±0.2	14.5±0.2	26.2±0.2	43.4min	17.0±0.15	7.0±0.2

EM型/EM CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2)			重量(g) Weight
					TP4	TP4A	TP4W	
EM17.7/20	1.88	24.7	46.4	1147	1020	1100	1200	5.9
EM18.5/39	5.70	14.5	85.8	1294	440	450	540	6.6
EM21.1/19	1.90	23.7	45.4	1075	1100	1150	1350	5.5
EM21.2/24	1.73	31.3	54.1	1690	1170	1200	1500	8.7
EM22/37	3.90	20.0	80.0	1630	580	600	780	8.4
EM22.2/40	4.40	18.8	82.7	1552	550	570	680	8.0
EM22.7/22	0.86	58.6	50.5	2957	2400	2500	3000	15.2
EM22.9/16	0.66	58.6	38.8	2277	2400	2450	3600	11.7
EM24.3/35	3.20	23.8	76.0	1810	740	750	900	9.3
EM24.5/27	0.97	60.9	58.9	3590	2400	2500	3000	18.4
EM25/34	1.12	66.3	74.2	4921	2100	2200	2600	25.3
EM25.6/29	1.80	37.4	66.7	2497	1200	1300	1600	12.8
EM30/52	3.59	31.8	114.2	3628	700	730	880	18.6
EM31.6/41	1.80	50.5	91.9	4642	1400	1450	1700	23.8
EM31.8/44	1.90	49.2	94.0	4625	1300	1350	1600	23.8
EM35/58	2.10	58.3	121.9	7105	1250	1280	1560	36.5
EM35.8/56	1.95	58.1	113.5	6589	1300	1350	1600	33.8
EM36/46	1.44	70.0	100.7	7039	1800	1850	2200	36.1
EM37/40	1.20	72.2	86.4	6238	1900	2000	2500	32.0
EM40.8/59	1.60	77.5	124.0	9616	1600	1680	2000	49.4
EM42/71	2.60	56.7	146.5	8300	1000	1050	1200	42.6
EM43.6/46	1.08	96.4	104.1	10038	2300	2400	2900	51.6
EM46/60	1.10	124.0	135.0	16736	2400	2480	3000	86.0
EM50.5/64	0.50	288.8	138.9	40120	5400	5460	6600	206.1
EM56.8/48	0.60	194.8	114.0	22211	4000	4200	5000	114.1



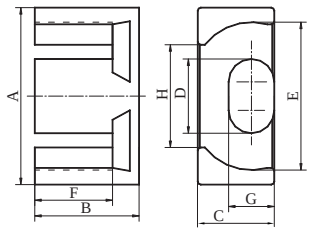
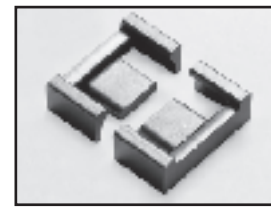


FIG.1



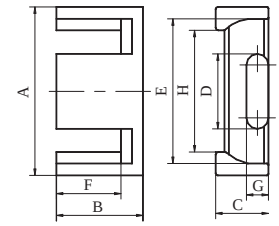


FIG.2

EPC型/EPC CORE

型号	图例	尺寸 Dimensions (mm)							
TYPE	FIG.	A	B	C	D	E	F	G	H
EPC10/8/3	2	10.2±0.2	4.05±0.1	3.4±0.16	5.0±0.1	7.6min	2.65±0.1	1.9±0.1	5.3min
EPC13/12/4	2	12.6±0.2	$5.8^{+0.08}_{-0.05}$	$3.6^{+0}_{-0.25}$	6.05±0.15	8.95±0.15	3.35±0.1	2.21±0.09	
EPC13/13/5	1	13.3±0.3	6.6±0.2	4.6±0.15	5.6±0.15	10.5min	4.5±0.2	2.05±0.1	8.3min
EPC14/14/7	3	13.75±0.25	6.85±0.15	6.86±0.15	6.2±0.1	9.56min	4.55±0.15	5.15±0.1	7.64min
EPC16/8/8	4	16.0±0.3		8.1±0.2	5.5±0.15	14.0±0.3	1.65±0.15	6.55±0.25	10.0min
		I:13.0min	J:2.3±0.2						
EPC17/15/6	2	16.8±0.4	7.3±0.2	5.7±0.2	7.5±0.15	13.5min	5.5±0.2	2.75±0.15	11.1min
EPC17/17/6	1	17.6±0.38	8.55±0.2	6.0±0.15	7.7±0.15	14.3min	6.05±0.2	2.8±0.1	11.5min
EPC19/20/6	1	19.1±0.48	9.75±0.2	6.0±0.15	8.5±0.15	15.8min	7.25±0.2	2.5±0.1	13.1min
EPC20/21/9	2	20.25±0.3	10.25±0.15	8.8±0.2	8.95±0.15	15.45±0.3	7.55±0.2	5.5±0.1	13.35±0.3
EPC20/20/6	2	19.6±0.5	9.85±0.2	6.0±0.2	8.2±0.2	16.4±0.5	7.4±0.15	2.4±0.15	13.4±0.5
EPC25/25/8	1	25.1±0.5	12.5±0.2	8.0±0.2	11.5±0.2	20.65min	9.0±0.3	4.0±0.1	17.1min
EPC25/30/8	5	25.4±0.4	15.1±0.2	8.0±0.2	10.5±0.2	21.05±0.4	11.6±0.2	4.0±0.2	18.35±0.4
EPC27/32/8	1	27.1±0.5	16.0±0.2	8.0±0.2	13.0±0.3	21.6min	12.0±0.3	4.0±0.1	18.5min
EPC28/41/6	2	27.9±0.3	20.3±0.2	5.8±0.2	15.1±0.25	22.7±0.3	17.3±0.25	3.0±0.2	20.7±0.3
EPC28/36/9	1	28.0±0.5	17.5±0.2	8.6±0.25	$13.0^{+0.2}_{-0.3}$	22.35±0.45	13.0±0.2	4.6±0.1	18.5±0.5
EPC29/34/12	2	28.6±0.5	16.9±0.25	12.4±0.25	12.0±0.25	23.2min	12.6±0.3	7.4±0.25	16.5min
EPC30/36/8	1	30.1±0.5	17.5±0.2	8.0±0.2	15.0±0.3	23.6min	13.0±0.3	4.0±0.1	20.0min
EPC32/32/13	2	31.7±0.4	16.2±0.2	12.7±0.25	13.6±0.25	24.3±0.4	12.1±0.2	7.9±0.2	20.5±0.4
EPC39/39/16	2	39.0±0.5	19.6±0.2	15.5±0.3	17.6±0.3	31.4±0.5	14.1±0.2	9.7±0.2	25.2±0.5

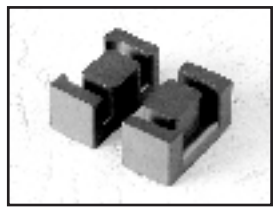
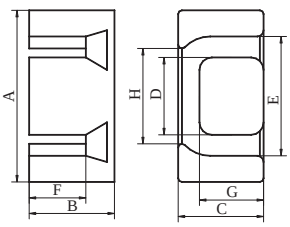



FIG.3

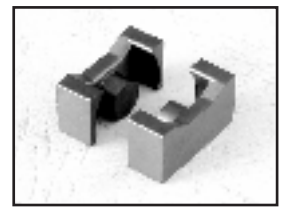
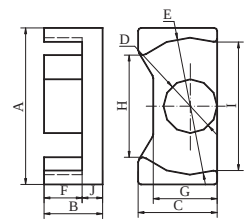



FIG.4

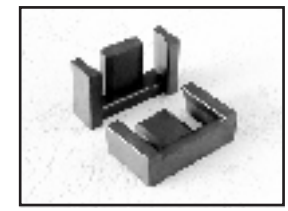
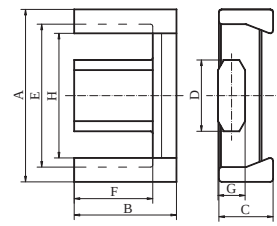



FIG.5

EPC型/EPC CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25% TP4	TP4A	TP4W	重量(g) Weight
EPC10/8/3	1.66	13.6	22.5	306	950	1000	1250	1.7
EPC13/12/4	1.70	13.3	23.2	308	940	1000	1200	1.7
EPC13/13/5	2.34	12.4	28.9	358	870	880	950	2.0
EPC14/14/7	3.30	14.0	46.0	655	660	680	820	3.6
EPC16/8/8	0.72	29.0	20.8	602	2400	2450	2800	2.9
EPC17/15/6	1.85	19.0	35.1	666	1150	1160	1350	3.7
EPC17/17/6	1.75	22.2	38.8	860	1150	1200	1450	4.7
EPC19/20/6	2.03	22.7	46.1	1047	940	1000	1300	5.8
EPC20/21/9	1.00	46.5	45.7	2126	2100	2200	2600	11.7
EPC20/20/6	2.08	21.6	45.1	974	1100	1150	1300	5.4
EPC25/25/8	1.32	43.0	56.8	2445	1560	1600	2000	13.5
EPC25/30/8	1.70	40.3	68.6	2763	1500	1550	1800	15.3
EPC27/32/8	1.42	49.0	69.4	3401	1540	1600	2000	18.8
EPC28/41/6	2.40	36.0	87.0	3129	1000	1150	1300	17.3
EPC28/36/9	1.30	58.6	74.9	4387	1800	1900	2200	24.2
EPC29/34/12	0.95	77.1	73.4	6415	2500	2600	3000	35.4
EPC30/36/8	1.30	57.7	75.6	4359	1750	1800	2200	24.1
EPC32/32/13	0.76	95.4	72.6	6924	3000	3200	3800	38.2
EPC39/39/16	0.59	148.0	87.8	12994	4200	4400	5200	71.7

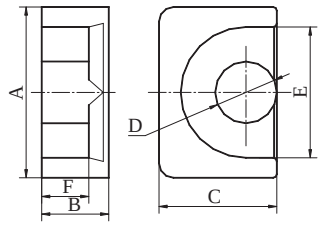


FIG.1

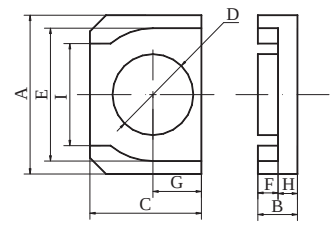


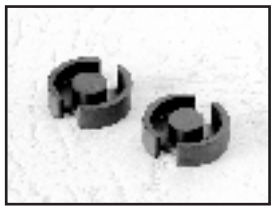
FIG.2

EP型/EP CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
EP6/6/4	1	6.0±0.15	2.8±0.05	$3.9^{+0}_{-0.25}$	1.7±0.1	4.3min	2.0±0.1
EP6/7/4	1	6.0±0.15	3.5±0.1	$3.9^{+0}_{-0.25}$	$1.8^{+0}_{-0.15}$	4.3min	2.65±0.1
EP9/7/6	1	9.2±0.2	3.7±0.2	6.4±0.2	3.3±0.1	7.2min	2.7±0.2
EP10/5/7	2	9.8±0.15	2.45±0.1	6.9±0.15	5.0±0.1	8.2±0.15	
		G:3.0±0.05	H:1.1±0.1	I:6.3±0.15			
EP12/10/8	1	11.5±0.3	5.1±0.2	7.7±0.2	3.3±0.2	9.4±0.2	3.8±0.2
EP13/13/9	1	12.5±0.3	6.5±0.3	8.8±0.2	4.4±0.2	10.0±0.3	4.7±0.2
EP18/17/11	1	18.1±0.4	8.4±0.4	11.0±0.3	5.7±0.2	12.0±0.4	5.7±0.2
EP24/21/15	1	24.0±0.5	10.7±0.2	15.0±0.4	8.8±0.3	16.5±0.4	7.2±0.2

EP型/EP CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N2) TP4	TP4A	TP4W	重量(g) Weight
EP6/6/4	3.15	3.1	9.7	30.0	380	380	420	0.42
EP6/7/4	3.73	2.9	10.7	31.9	340	340	380	0.45
EP9/7/6	1.52	10.3	15.7	163	830min	960	1060	1.4
EP10/5/7	0.68	18.1	12.3	222	2000	2050	2250	1.2
EP12/10/8	1.70	11.3	19.2	218	800min	1000	1200	2.9
EP13/13/9	1.08	20.0	21.6	522	1600	1650	1800	4.9
EP18/17/11	0.84	33.9	28.5	966	1840min	2300	2750	12.3
EP24/21/15	0.52	78.7	41.1	3230	4100	4250	5000	29.0



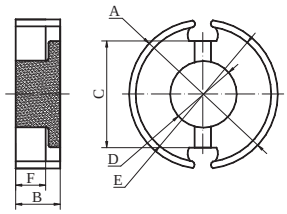


FIG.1

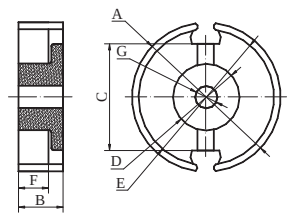


FIG.2

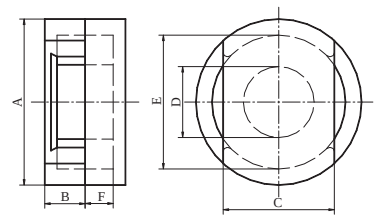


FIG.3

P型/P CORE

型号	图例	尺寸 Dimensions (mm)							
TYPE	FIG.	A	B	C	D	E	F	G	H
P9/5	1	9.15±0.15	2.65±0.1	5.65±0.15	3.8±0.1	7.5min	1.8min		2.1±0.3
P11/7	1	11.1±0.2	3.3±0.075	6.8±0.25	4.6±0.1	9.25±0.15	$2.3^{+0.1}_{-0.075}$		2.2±0.3
P14/8	2	14.0±0.3	4.2±0.2		5.9±0.2	11.8±0.4	3.1±0.2	2.9±0.3	3.3±0.6
P18/11	2	18.0±0.4	5.35±0.15		7.45±0.15	14.9min	3.8±0.2		
P23/11	3	22.7±0.45	5.53±0.15	15.24±0.2	9.7±0.2	18.3±0.4	3.85±0.2		
P26/16	2	25.5±0.5	8.05±0.1		11.1±0.3	21.6±0.4	5.65±0.15		
P30/19	4	30.0±0.5	9.4±0.2	20.25±0.35	13.3±0.2	24.6min	6.6±0.2		17.5min
P30/19A	5	30.0±0.5	9.4±0.2	20.25±0.35	13.3±0.2	24.6min	6.6±0.2	5.6±0.2	17.5min
P30/19B	2	30.0±0.5	9.4±0.2	20.6min	13.3±0.2	25.0min	6.65±0.25	5.6±0.2	3.68min
P30/19C	1	30.0±0.5	9.4±0.2	20.6min	13.3±0.2	25.0min	6.65±0.25		3.68min
P33.5/19	4	33.5±0.4	9.7±0.2	24.0±0.3	13.8±0.2	26.8min	6.75±0.25	17.2min	
P33.5/24	4	33.5±0.4	12.1±0.2	24.0±0.3	13.8±0.2	26.8min	9.1±0.25	18.2min	
P36/22	4	35.6±0.6	10.9±0.2	26.2±0.6	15.9±0.3	29.8min	7.55±0.25	5.5±0.2	
P40/25	4	40.0±0.5	12.7±0.15	28.3±0.4	16.0±0.3	33.3±0.5	9.15±0.2		
P40/27	4	40.0±0.5	13.5±0.2	28.3±0.4	16.0±0.3	33.3±0.5	9.9±0.2		

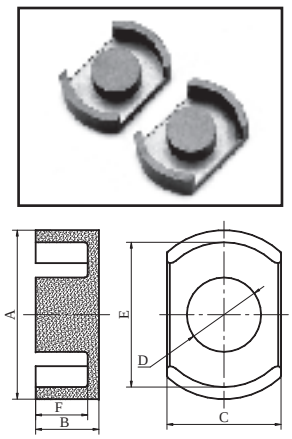


FIG.4

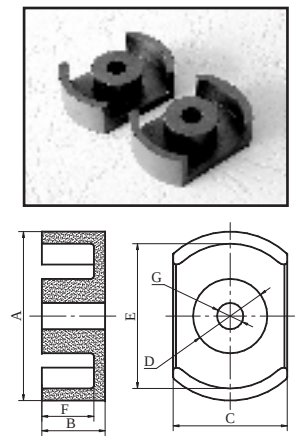
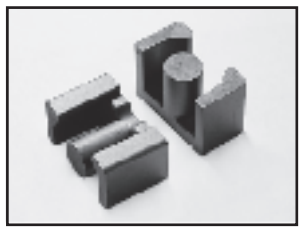
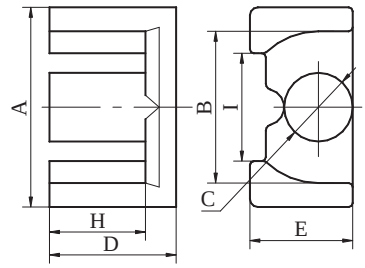


FIG.5

P型/P CORE

型号	C1	Ae	Le	Ve	AL(nH/N^2)±25%			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
P9/5	1.01	12.8	12.9	164	1200	1250	1400	0.9
P11/7	0.94	17.3	16.5	309	1800	1850	2000	1.7
P14/8	0.87	23.7	20.7	490	1950	2000	2300	2.7
P18/11	0.63	41.6	26.3	1096	2600	2700	3200	6.0
P23/11	0.46	65.4	30.0	1965	4000	4200	4800	10.8
P26/16	0.44	86.7	38.1	3306	5000	5100	5800	18.2
P30/19	0.38	127.8	48.1	6147	5500	5600	6600	33.9
P30/19A	0.40	120.0	47.5	5705	5200	5300	6300	31.5
P30/19B	0.37	116.0	43.7	5083	5800	6000	7200	28.1
P30/19C	0.36	123.9	44.1	5464	6000	6200	7400	30.2
P33.5/19	0.32	157.5	50.4	7942	6800	7000	8300	43.8
P33.5/24	0.37	159.6	59.3	9458	5400	5450	6800	52.2
P36/22	0.25	206.6	52.6	10867	8300	8500	10000	60.0
P40/25	0.33	210.3	68.8	14469	7000	7200	8500	79.9
P40/27	0.39	198.4	77.7	15412	6000	6200	7500	85.1



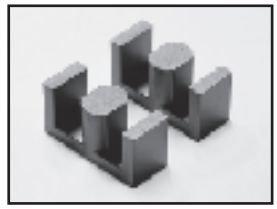


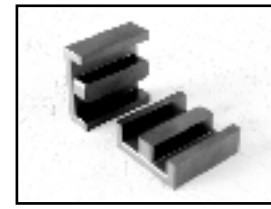
LP型/LP CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	2D	E	2H	I
LP22/13	25.0±0.7	18.55min	8.6±0.3	22.4±0.4	12.9±0.3	16.4±0.4	13.5±0.6
LP23/8	16.5±0.3	12.5±0.3	5.7±0.2	23.4±0.2	8.7±0.2	17.4±0.2	9.0±0.5
LP32/13	25.0±0.7	18.55min	8.6±0.3	31.8±0.4	13.0±0.3	24.1±0.4	13.5±0.6

LP型/LP CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Ae中柱 (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	TP4A	TP4W	重量(g) Weight
LP22/13	0.72	67.9	58.1	49.0	3327	2800	2970	3530	21.0
LP23/8	1.41	31.3	25.5	44.1	1380	1600	1660	1750	9.8
LP32/13	0.91	70.3	58.1	64.0	4499	2200	2490	3000	30.0





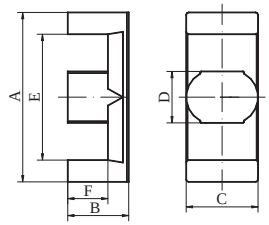


FIG.1

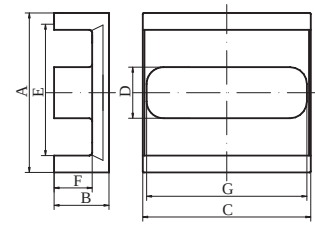
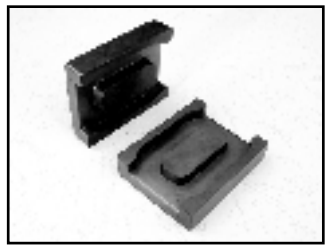


FIG.2

ED型/ED CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)						
		A	B	C	D	E	F	G
ED13/12/6	1	13.2±0.3	$6.0^{+0.2}_{-0.1}$	6.2±0.1	3.15±0.1	10.0min	4.6±0.1	
ED26/13/30	2	25.7±0.3	6.75±0.2	30.1±0.35	5.15±0.2	20.7±0.3	4.25±0.2	29.1±0.35
ED26/17/25	2	25.7±0.3	8.6±0.2	25.35±0.35	6.5±0.2	19.5±0.3	5.5±0.2	24.35±0.35
ED28/20/12	1	28.0±0.5	10.2±0.3	11.9±0.3	8.5±0.3	20.5min	6.7±0.3	
ED28/21/12	1	28.0±0.5	10.4±0.3	11.85±0.25	8.5±0.2	20.5min	6.7±0.3	
ED29/30/12	1	29.3±0.5	14.6±0.3	11.6±0.3	8.4±0.3	21.5min	11.0±0.3	
ED29/30/12A	1	29.8±0.8	15.0±0.2	11.6±0.2	8.4±0.2	21.7min	11.4±0.2	
ED33/33/13	1	33.0±0.5	16.65±0.25	12.8±0.2	10.5±0.2	23.3min	12.0±0.2	
ED43.5/23/55	3	43.5±0.6	11.71±0.25	55.0±0.8	14.8±0.2	35.8±0.4		34.9±0.35
		H:5.4±0.35	I:29.0±0.3					
ED48/32/29	1	47.9±0.5	16.1±0.2	29.0±0.4	15.0±0.3	33.5±0.5	8.9±0.2	



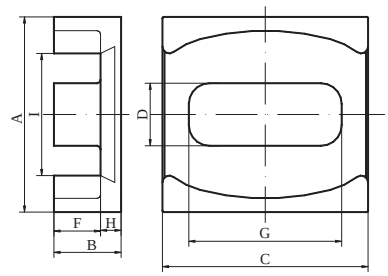


FIG.3

ED型/ED CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25%			重量(g) Weight
					TP4	TP4A	TP4W	
ED13/12/6	0.50	18.0	30.9	557	3600	3800	4400	3.1
ED26/13/30	0.28	146.1	40.5	5910	7400	7600	8800	32.6
ED26/17/25	0.29	152.7	44.8	6841	7400	7600	8800	37.8
ED28/20/12	0.56	90.0	50.3	4527	3600	3700	4600	25.0
ED28/21/12	0.60	85.3	51.8	4422	3400	3600	4300	24.4
ED29/30/12	0.84	83.5	70.0	5846	2400	2500	3400	32.3
ED29/30/12A	0.86	83.5	72.0	8022	2400	2500	3400	44.3
ED33/33/13	0.67	115.0	77.0	8888	3500	3650	4400	49.1
ED43.5/23/55	0.12	540.0	66.6	35948	17000	17500	23000	198.4
ED48/32/29	0.19	416.0	76.9	31990	12500	13000	15600	176.6

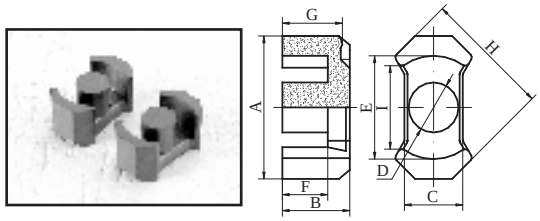


FIG.1

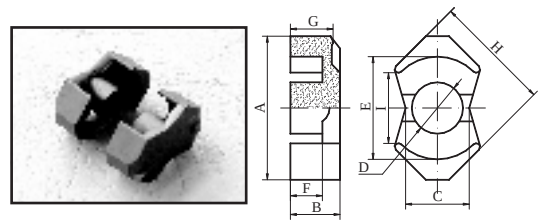


FIG.2

RM型/RM CORE

型号	图例	尺寸 Dimensions (mm)							
TYPE	FIG.	A	B	C	D	E	F	G	H
RM4	1	$11.0^{+0}_{-0.4}$	$5.25^{+0}_{-0.1}$	$4.6^{+0}_{-0.2}$	$3.9^{+0}_{-0.2}$	8.0min	$3.5^{+0.2}_{-0}$		$9.8^{+0}_{-0.4}$
RM4A	1	$11.0^{+0}_{-0.5}$	5.25±0.1		$3.9^{+0}_{-0.2}$	8.15±0.2	3.65±0.1	4.7±0.125	9.6±0.2
RM5	3	$14.6^{+0}_{-0.6}$	$5.25^{+0}_{-0.1}$	$6.8^{+0}_{-0.4}$	4.8±0.1	10.4±0.2	$3.15^{+0.2}_{-0}$	4.65±0.125	$12.3^{+0}_{-0.5}$
		I:6.0min							
RM5A	3	14.65±0.25	5.2±0.15		4.8±0.1	10.4±0.2	3.25±0.1	4.55±0.125	$12.3^{+0}_{-0.5}$
RM5B	3	14.3±0.3	5.4±0.1		4.8±0.1	10.4±0.2	$3.55^{+0.2}_{-0.1}$	4.9±0.125	12.05±0.25
		I:6.0min							
RM6	2	$17.9^{+0}_{-0.6}$	$6.25^{+0}_{-0.1}$	$8.2^{+0}_{-0.4}$	6.3±0.1	$12.4^{+0.5}_{-0}$	$4.0^{+0.2}_{-0}$	5.25±0.125	$14.7^{+0}_{-0.6}$
		I:8.4min							
RM6A	2	$17.9^{+0}_{-0.6}$	$6.25^{+0}_{-0.1}$	8.0±0.2	6.3±0.1	$12.4^{+0.5}_{-0}$	$4.0^{+0.2}_{-0}$	5.25±0.15	$14.7^{+0}_{-0.6}$
RM6B	2	$17.9^{+0}_{-0.6}$	$6.25^{+0}_{-0.1}$		6.3±0.1	$12.4^{+0.5}_{-0}$	$4.0^{+0.2}_{-0}$	5.42±0.125	$14.7^{+0}_{-0.6}$
RM7	4	$20.3^{+0}_{-0.8}$	$6.75^{+0}_{-0.1}$		$7.25^{+0}_{-0.3}$	$14.75^{+0.65}_{-0}$	$4.2^{+0.25}_{-0}$	5.8±0.125	$17.2^{+0}_{-0.7}$
RM8	3	$23.2^{+0}_{-0.9}$	8.2±0.1	$11.0^{+0}_{-0.4}$	$8.55^{+0}_{-0.3}$	$17.0^{+0.6}_{-0}$	5.5±0.1	7.35±0.125	$19.5^{+0}_{-0.8}$
RM8A	3	$23.2^{+0}_{-0.9}$	8.2±0.1	$11.0^{+0}_{-0.4}$	$8.55^{+0}_{-0.3}$	$17.0^{+0.6}_{-0}$	5.5±0.1	7.35±0.125	$19.5^{+0}_{-0.8}$
		I:9.8min							
RM10	3	27.85±0.65	6.75±0.1	13.25±0.25	10.7±0.2	21.65±0.45	4.2±0.13		24.15±0.55
RM10A	3	27.8±0.65	9.3±0.15	13.25±0.25	10.65±0.2	21.65±0.45	6.4±0.2	8.35±0.125	24.15±0.55
RM12	3	$37.6^{+0}_{-1.5}$	12.25±0.1	$16.1^{+0}_{-0.5}$	$12.8^{+0}_{-0.4}$	$24.9^{+1.1}_{-0}$	$8.4^{+0.3}_{-0}$	11.05±0.125	$29.8^{+0}_{-1.2}$
RM12A	3	$37.6^{+0}_{-1.5}$	11.6±0.1	$16.1^{+0}_{-0.5}$	$12.8^{+0}_{-0.4}$	$24.9^{+1.1}_{-0}$	$8.4^{+0.3}_{-0}$	11.05±0.125	$29.8^{+0}_{-1.2}$
RM14	3	$42.2^{+0}_{-1.4}$	10.2±0.05	$19.0^{+0}_{-0.6}$	$15.0^{+0}_{-0.6}$	$29.0^{+1.2}_{-0}$	$5.8^{+0.3}_{-0}$	8.65±0.125	$34.7^{+0}_{-1.2}$
		I:17.0min							
RM14A	3	$42.2^{+0}_{-1.2}$	15.05±0.1	$19.0^{+0}_{-0.6}$	$15.0^{+0}_{-0.5}$	$29.0^{+1.0}_{-0}$	10.55±0.2	13.75±0.125	$34.8^{+0}_{-1.3}$
		I:17.0min							
RM14B	3	41.6±0.6	14.4±0.1		14.75±0.25	29.5±0.5	10.55±0.15		34.2±0.5
		I:17.0min							

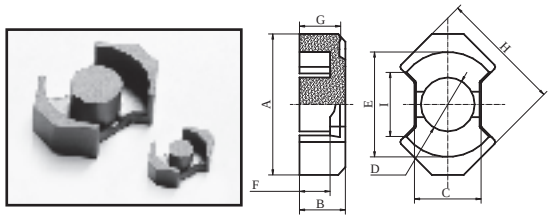


FIG.3

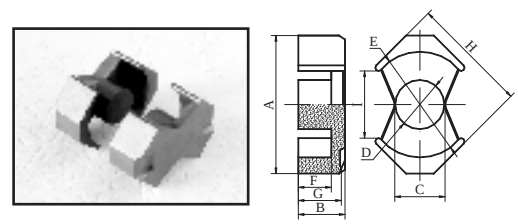
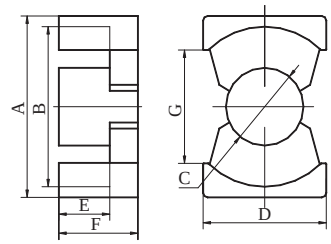


FIG.4

RM型/RM CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Amin (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N2) TP4	TP4A	TP4W	重量(g) Weight
RM4	1.62	13.9	11.3	22.5	313	1000	1030	1170	1.7
RM4A	1.67	13.9	11.3	23.3	325	680min	1010	1150	1.7
RM5	0.98	23.6	18.1	23.3	552	1800	1720	1970	2.8
RM5A	0.94	23.8	18.0	22.3	530	1250min	1760	2010	2.7
RM5B	1.10	22.7	18.1	24.8	563	1700	1570	1800	3.3
RM6	0.79	37.1	31.2	29.5	1097	2400	2330	2700	5.6
RM6A	0.78	37.0	31.0	29.0	1050	2400	2350	2720	5.6
RM6B	0.80	37.0	31.2	29.6	1096	2400	2300	2670	5.6
RM7	0.70	43.0	39.0	30.4	1340	2700	2660	3090	6.8
RM8	0.59	64.0	55.0	38.0	2400	3300	3380	3980	12.3
RM8A	0.63	62.2	55.4	39.7	2474	3300	3210	3780	12.7
RM10	0.34	102.4	89.9	35.1	3597	4800	5740	8710	18.5
RM10A	0.49	85.3	47.0	89.1	4472	4200	4900	5970	20.9
RM12	0.42	144.0	124.7	60.6	8752	5300	5340	6410	45.0
RM12A	0.44	134.3	124.7	59.2	7956	5300	5070	6080	40.9
RM14	0.26	202.7	169.7	53.0	10747	8300	8380	10000	55.2
RM14A	0.36	199.0	170.9	72.8	14886	4900	6450	7800	76.5
RM14B	0.35	198.0	168.0	70.0	13900	6377.8	4130	4980	70.0



PQ型/PQ CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	D	E	F	G
PQ20/7	21.25±0.4	18.0±0.4	8.8±0.2	14.0±0.4	1.32±0.1	$3.53^{+0}_{-0.1}$	12.0min
PQ20/10	20.5±0.4	18.0±0.4	8.8±0.2	14.0±0.4	2.65±0.1	4.9±0.1	12.0min
PQ20/11	20.5±0.4	18.0±0.4	8.8±0.2	14.0±0.4	$2.65^{+0.3}_{-0}$	$5.4^{+0.2}_{-0}$	12.0min
PQ20/12	20.5±0.4	18.0±0.4	8.8±0.2	14.0±0.4	3.05±0.15	6.0±0.1	12.0min
PQ20/16	20.5±0.4	18.0±0.4	8.8±0.2	14.0±0.4	$5.0^{+0.3}_{-0}$	$8.0^{+0.2}_{-0}$	12.0min
PQ20/17	20.5±0.4	18.0±0.4	8.8±0.2	14.0±0.4	$5.5^{+0.2}_{-0}$	$8.5^{+0.2}_{-0}$	12.0min
PQ20/20	20.9±0.8	18.0±0.4	8.8±0.2	14.0±0.4	7.25±0.25	10.1±0.1	12.0min
PQ20/20A	21.3±0.4	18.0±0.4	8.8±0.2	14.0±0.4	$7.15^{+0.3}_{-0}$	$10.1^{+0.15}_{-0.5}$	12.0min
PQ26/11	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	$2.65^{+0.3}_{-0}$	$5.4^{+0.2}_{-0}$	15.5min
PQ26/14	$26.95^{+0}_{-0.9}$	22.05min	$12.2^{+0}_{-0.4}$	$19.45^{+0}_{-0.9}$	2.5±0.1	$7.0^{+0}_{-0.2}$	15.5min
PQ26/17	$26.95^{+0}_{-0.9}$	22.4min	$12.2^{+0}_{-0.4}$	$19.45^{+0}_{-0.9}$	$3.9^{+0.2}_{-0}$	$8.45^{+0}_{-0.2}$	
PQ26/18	26.5±0.45	22.5±0.45	$12.2^{+0}_{-0.4}$	19.0±0.45	$4.3^{+0.3}_{-0}$	$9.0^{+0}_{-0.25}$	15.5min
PQ26/20	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	5.75±0.15	$9.95^{+0.25}_{-0}$	15.5min
PQ26/20A	26.5±0.45	22.5±0.45	12.0±0.3	19.0±0.45	6.2±0.2	10.45±0.2	15.5min
PQ26/20B	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	$5.75^{+0.3}_{-0}$	$10.2^{+0.1}_{-0.25}$	15.5min
PQ26/22	26.5±0.45	22.5±0.3	12.0±0.2	19.0±0.3	7.2±0.2	11.45±0.2	
PQ26/25	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	8.1±0.2	$12.5^{+0.25}_{-0}$	15.5min
PQ32/16	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	$3.4^{+0.3}_{-0}$	$8.05^{+0}_{-0.18}$	19.0min
PQ32/18	$32.5^{+0}_{-1.0}$	$27.0^{+1.0}_{-0}$	$13.7^{+0}_{-0.5}$	$22.5^{+0}_{-1.0}$	$4.5^{+0.3}_{-0}$	$9.0^{+0}_{-0.25}$	19.0min
PQ32/19	$32.5^{+0}_{-1.0}$	$27.0^{+1.0}_{-0}$	13.4±0.3	$22.5^{+0}_{-1.0}$	$5.05^{+0.3}_{-0}$	$9.55^{+0.3}_{-0}$	19.0min
PQ32/20	32.0±0.5	27.5±0.5	13.4±0.3	22.0±0.5	5.75±0.15	10.25±0.15	19.0min
PQ32/21	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	5.95±0.2	10.475±0.2	19.0min
PQ32/24	$32.5^{+0}_{-1.0}$	$27.0^{+1.0}_{-0}$	$13.7^{+0}_{-0.5}$	$22.5^{+0}_{-1.0}$	$7.2^{+0.3}_{-0}$	$12.0^{+0}_{-0.25}$	19.0min
PQ32/25	32.0±0.5	$27.5^{+0.5}_{-0.2}$	13.45±0.25	22.0±0.5	8.25±0.15	12.35±0.15	19.75min

PQ型/PQ CORE

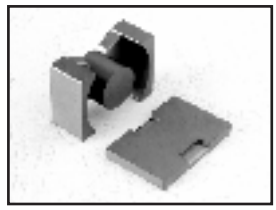
型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N2) TP4	TP4A	TP4W	重量(g) Weight
PQ20/7	0.38	54.5	20.7	1132	4270	4220	4800	5.8
PQ20/10	0.47	54.7	26.1	1426	4300	3750	4310	7.3
PQ20/11	0.47	58.9	27.6	1628	4300	3830	4220	9.6
PQ20/12	0.50	59.6	29.3	1743	4190	3670	4260	9.0
PQ20/16	0.60	62.0	37.4	2310	3400	3430	3890	12.9
PQ20/17	0.61	62.0	37.4	2430	3150	3430	3830	14.4
PQ20/20	0.74	61.4	45.4	2790	2740	2830	3360	14.3
PQ20/20A	0.72	62.6	45.5	2850	3150	2900	3450	14.6
PQ26/11	0.29	110.1	32.4	3567	7200	6560	7640	18.3
PQ26/14	0.30	120.5	32.0	3859	6120	6310	7350	22.3
PQ26/17	0.31	121.6	37.5	4560	6210	4700	7540	27.5
PQ26/18	0.33	120.6	39.8	4804	5940	6140	7230	26.8
PQ26/20	0.37	120.1	44.7	5372	5510	5650	6690	28.2
PQ26/20A	0.39	119.0	46.3	5546	5250	5410	6420	28.5
PQ26/20B	0.37	121.0	45.0	5445	5510	5660	6700	28.0
PQ26/22	0.42	119.6	50.3	6026	4800	5120	6100	31.0
PQ26/25	0.44	121.4	54.3	6605	4670	4980	5950	33.9
PQ32/16	0.27	163.3	44.1	7205	7460	8650	9130	37.0
PQ32/18	0.30	159.9	48.3	7735	6860	7100	9450	41.7
PQ32/19	0.31	162.6	50.9	8276	6700	6500	8300	40.8
PQ32/20	0.33	163.6	53.7	8791	6390	6620	7910	45.2
PQ32/21	0.32	170.0	55.5	9435	5800	6880	8230	48.5
PQ32/24	0.37	164.5	60.9	10023	5850	6070	7290	51.5
PQ32/25	0.40	158.6	64.2	10178	5470	5400	6830	52.3

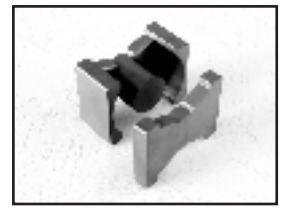
PQ型/PQ CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)						
		A	B	C	D	E	F	G
PQ32/25A	1	32.0±0.5	27.5±0.5	13.4±0.3	22.0±0.5	8.2±0.2	12.45±0.2	19.0min
PQ32/28	1	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	9.65±0.2	14.0±0.2	19.0min
PQ32/30	1	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	$10.5^{+0.3}_{-0}$	$15.3^{+0}_{-0.3}$	19.0min
PQ32/32	1	32.0±0.5	27.5±0.5	13.0±0.3	22.0±0.5	$11.5^{+0.3}_{-0}$	16.15±0.15	19.0min
PQ32/35	1	$32.0^{+0.7}_{-0.5}$	27.5±0.5	13.45±0.25	22.0±0.5	13.25±0.15	17.75±0.125	19.5min
		H:4.5±0.15	l:2.25±0.2					
PQ33/21	1	33.0±0.5	27.5±0.5	13.5±0.25	22.0±0.5	5.75±0.15	10.3±0.125	19.0min
PQ35/23	1	35.1±0.6	32.0±0.5	14.35±0.25	26.0±0.5	7.0min	11.55±0.15	23.5min
		H:1.4±0.15	l:4.4±0.15					
PQ35/35	1	35.1±0.6	32.0±0.5	14.35±0.25	26.0±0.5	12.5±0.25	$17.5^{+0}_{-0.25}$	23.5min
PQ40/29	1	$40.0^{+1.4}_{-0.4}$	36.4min	$15.0^{+0}_{-0.6}$	$28.0^{+0.45}_{-0.6}$	9.18±0.15	14.33±0.15	27.2min
PQ40/40	1	$40.0^{+1.4}_{-0.4}$	37.0±0.6	$15.0^{+0}_{-0.6}$	$28.0^{+0.45}_{-0.6}$	$14.6^{+0.3}_{-0}$	$20.0^{+0}_{-0.25}$	27.2min
		H:5.15±0.15	l:1.75±0.15					
PQ50/35	1	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	10.55±0.3	17.5±0.25	32.0min
PQ50/50	1	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	18.1±0.25	25.0±0.15	32.6±0.6

PQ型/PQ CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2)			重量(g) Weight
					TP4	TP4A	TP4W	
PQ32/25A	0.37	161.2	60.6	9765	5400	6060	7280	50.2
PQ32/28	0.42	166.8	69.9	11656	5300	5490	6630	59.9
PQ32/30	0.46	161.0	74.6	12000	5140	5070	6140	61.6
PQ32/32	0.48	162.2	78.6	12765	4720	4900	5950	65.6
PQ32/35	0.50	169.0	85.9	14541	4800	4780	5810	74.68
PQ33/21	0.31	171.2	53.7	9211	6800	6000	8400	47.3
PQ35/23	0.35	179.0	63.1	11299	5000	6460	7770	58.03
PQ35/35	0.45	196.0	87.9	17300	4800	5320	6480	88.9
PQ40/29	0.40	199.0	79.0	15744	5670	6000	7150	80.9
PQ40/40	0.50	201.0	101.9	20500	4300	4890	5990	105.29
PQ50/35	0.28	328.0	92.7	30400	8300	8800	10520	156.1
PQ50/50	0.36	320.0	114.6	36674	6720	6900	8470	188.4





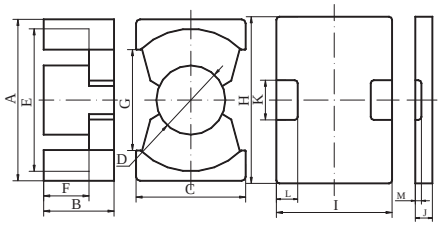


FIG.1

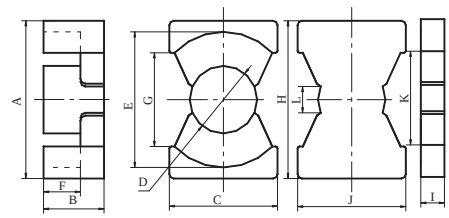


FIG.2

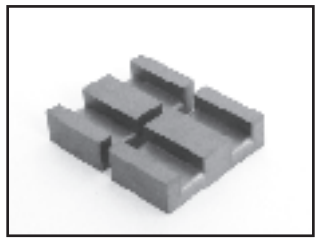
PQI型/PQI CORE

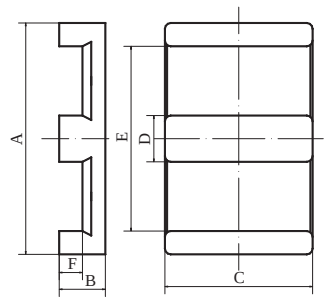
型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)						
		A	B	C	D	E	F	G
PQI20/10	1	20.5±0.4	$8.0^{+0.2}_{-0}$	14.0±0.4	8.8±0.2	18.0±0.4	$5.15^{+0.3}_{-0}$	12.0min
PQI26/13	1	26.6±0.5	$9.95^{+0.25}_{-0}$	19.0±0.5	12.0±0.3	22.0min	5.75±0.15	15.2min
PQI26/15	1	26.5±0.45	$12.5^{+0}_{-0.25}$	19±0.45	12±0.2	22.5±0.45	8.05±0.15	15.5min
PQI35/22	2	35.1±0.6	$16.5^{+0}_{-0.25}$	26.0±0.5	14.35±0.25	32.0±0.5	11.5±0.2	23.5min
PQI40/20	2	$40.0^{+1.4}_{-0.4}$	15.13±0.12	$28.0^{+0.45}_{-0.6}$	$15.0^{+0}_{-0.6}$	36.4min	9.98±0.15	27.2min
PQI50/31	2	50.0±0.7	23.8±0.2	32.0±0.6	20.0±0.35	44.0±0.7	16.65±0.15	32.0min

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)					
		H	I	J	K	L	M
PQI20/10	1	21.3±0.4	14.0±0.3	$2.1^{+0.2}_{-0.3}$	6.5±0.2	2.5±0.2	0.8±0.2
PQI26/13	1	27.3±0.4	19.0±0.3	2.8±0.2	6.5±0.2	3.5±0.2	1.0±0.2
PQI26/15	1	27.3±0.4	19.0±0.3	2.8±0.2	6.5±0.2	3.5±0.2	1.0±0.2
PQI35/22	2		5.0±0.2				
PQI40/20	2	$40.0^{+1.4}_{-0.4}$	5.0±0.1	$28.0^{+0.45}_{-0.6}$	29.0±1.0	6.25±0.2	
PQI50/31	2	50.0±0.7	6.72±0.12	32.0±0.6			

PQI型/PQI CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	TP4A	TP4W	重量(g) Weight
PQI20/10	0.34	64.4	22.0	1416	4710	3900	5520	7.8
PQI26/13	0.20	128.7	25.9	3909	8540	6600	10110	20.1
PQI26/15	0.24	128.4	31.3	4019	7600	6200	9110	20.6
PQI35/22	0.32	184.2	58.7	10808	6720	7000	8350	55.5
PQI40/20	0.29	204.7	59.7	12219	7440	6000	9260	62.8
PQI50/31	0.23	342.2	77.8	26708	9840	10500	12390	137.2

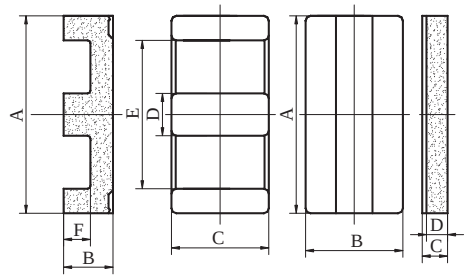




FEE型/FEE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
FEE14/7/5	14.0±0.3	3.5±0.1	5.0±0.15	3.0±0.1	10.52min	1.9min
FEE18/8/10	18.0±0.4	4.0±0.1	10.0±0.2	4.0±0.1	13.7min	1.8min
FEE22/11/16	21.8±0.4	5.7±0.2	15.8±0.35	5.0±0.2	16.8±0.4	3.2±0.2
FEE32/13/20	31.75±0.64	6.35±0.2	20.32±0.4	6.35±0.15	24.5min	3.18±0.2
FEE64/21/51	64.0±1.0	10.35±0.15	51.0±0.8	10.3±0.2	53.8±1.0	5.3±0.25

型号	C1	Ae	Le	Ve	AL±25%(nH/N2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
FEE14/7/5	1.34	15.3	20.1	315	1050	1100	1300	1.7
FEE18/8/10	0.60	39.5	24.3	960	2600	2700	3300	5.1
FEE22/11/16	0.41	79.0	32.4	2564	4500	4600	5500	13.5
FEE32/13/20	0.32	129.0	41.7	5380	6200	6400	7600	28.4
FEE64/21/51	0.16	517.8	80.7	41781	14200	14800	18000	220.6



FEI型/FEI CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
E14/4/5	14.0±0.3	3.5±0.1	5.0±0.15	3.0±0.1	10.52min	1.9min
I14/5/2	14.0±0.3	5.0±0.15	1.8±0.1	1.5±0.1		
E18/4/10	18.0±0.4	4.0±0.1	10.0±0.2	4.0±0.1	13.7min	1.8min
I18/10/2	18.0±0.35	10.0±0.2	2.4±0.1	2.0±0.1		
E22/6/16	21.8±0.4	5.7±0.2	15.8±0.35	5.0±0.2	16.8±0.4	3.2±0.2
I22/16/3	21.8±0.4	15.8±0.35	2.5±0.2			
E32/6/20	31.75±0.64	6.35±0.2	20.32±0.4	6.35±0.15	24.5min	3.18±0.2
I32/20/3	31.75±0.64	20.32±0.4	3.18±0.2			
E64/10/51	64.0±1.0	10.35±0.15	51.0±0.8	10.3±0.2	53.8±1.0	5.3±0.25
I64/51/5	64.0±1.0	51.0±0.8	5.08±0.2			

型号	C1	Ae	Le	Ve	AL±25%(nH/N2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
FEI14	1.05	15.9	16.8	267	1400	1440	1600	1.4
FEI18	0.50	40.0	20.3	811	3200	3300	3700	4.3
FEI22	0.33	79.0	26.1	2058	5000	5150	6300	10.9
FEI32	0.27	130.0	35.1	4576	6600	7000	8400	24.2
FEI64	0.14	518.2	70.1	36331	16000	16500	20000	191.8

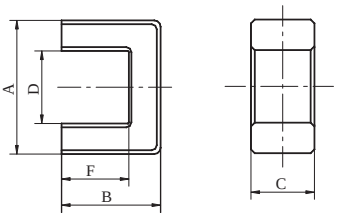
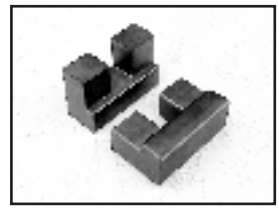


FIG.1



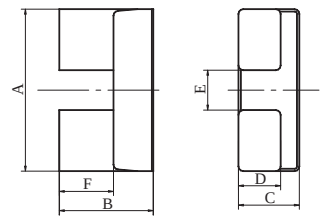


FIG.2

UF型/UF CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)				
		A	B	C	D	F
UF9.8/16/3	1	9.8±0.3	$8.2^{+0}_{-0.2}$	2.95±0.15	4.35±0.2	$5.0^{+0.3}_{-0}$
UF11/16/5	1	10.9max	8.6±0.2	5.1±0.2	4.3min	5.5±0.2
UF12/18/5	1	12.0±0.4	8.8±0.2	5.1±0.2	6.0min	6.0±0.35
UF15/11/6	1	15.0±0.5	5.5±0.1	5.6±0.2	8.5min	$2.8^{+0.2}_{-0.1}$
UF15/22/6	1	15.2±0.7	11.1±0.5	6.45±0.25	5.2±0.3	6.1±0.35
UF15/22/6A	1	15.2±0.5	11.2±0.5	$6.7^{+0}_{-0.5}$	5.2±0.3	$5.7^{+0.7}_{-0}$
UF15/23/7	1	15.2±0.5	11.7±0.2	$6.7^{+0}_{-0.5}$	5.0min	6.35min
UF15/23/7A	1	15.3±0.5	11.4±0.3	6.4±0.2	5.2±0.2	6.4±0.2
UF15/23/7B	1	15.4±0.5	11.45±0.2	$6.25^{+0.4}_{-0}$	5.4±0.4	6.4±0.35
UF15/23/13	1	15.2±0.5	11.3±0.2	12.95±0.25	5.1±0.25	6.1±0.25
UF16/20/6	1	16.0±0.3	10.0±0.2	6.0±0.15	6.7min	6.0±0.15
UF16/21/6	1	16.2±0.3	10.6±0.2	$6.5^{+0}_{-0.3}$	7.0±0.3	6.6±0.25
UF16/24/5	3	16.2±0.25	$11.8^{+0.4}_{-0}$	$5.5^{+0}_{-0.3}$	7.7min	$8.8^{+0.4}_{-0}$
UF18/20/5	1	18.5max	9.9±0.2	5.1±0.2	11.7min	6.8±0.2
UF18/25/15	1	18.0±0.25	12.5±0.2	15.0±0.2	5.0±0.25	6.5±0.25
UF20.6/26/10	4	20.6±0.5	12.85±0.2	9.85±0.25	6.45min	9.85±0.2
UF20/26/6	1	19.7±0.3	13±0.2	6.0±0.2	7.5min	7.0±0.2
UF20/52/7	2	20.3±0.3	26.0±0.2	7.45±0.2	7.9±0.25	20.5±0.2
UF21/32/7	1	21.14±0.25	16.15±0.1	7.47±0.15	6.5±0.3	8.7±0.15
UF21/32/8	1	21.7±0.3	16.0±0.1	$8.0^{+0}_{-0.4}$	7.0±0.2	8.5±0.2
UF21/32/8A	1	21.7±0.5	16.1±0.2	$8.0^{+0}_{-0.4}$	7.0±0.4	8.5±0.3

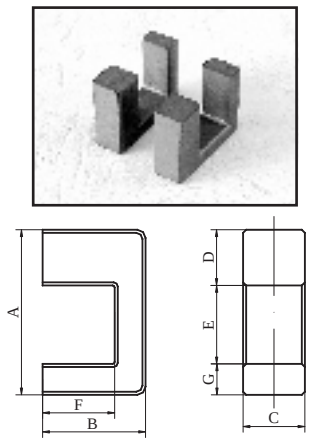


FIG.3

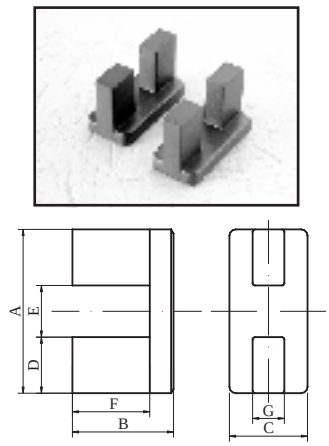


FIG.4

UF型/UF CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	TP4A	TP4W	重量(g) Weight
UF9.8/16/3	4.90	7.8	38.2	298	470	410	480	1.5
UF11/16/5	2.70	15.3	40.8	624	650	750	890	3.2
UF12/18/5	3.19	14.3	45.6	652	450min	660	780	3.4
UF15/11/6	2.40	15.6	38.1	593	910	830	980	3.0
UF15/22/6	1.56	32.2	50.5	1629	1330	1380	1640	8.4
UF15/22/6A	1.60	32.4	50.5	1639	1300	1340	1600	8.4
UF15/23/7	1.70	31.8	52.9	1680	1200	1280	1530	8.6
UF15/23/7A	1.60	32.0	51.8	1660	1300	1350	1610	8.5
UF15/23/7B	1.60	32.3	52.0	1680	1310	1350	1620	8.6
UF15/23/13	0.77	66.1	50.7	3350	2700	3800	3340	17.2
UF16/20/6	1.97	27.2	51.9	1413	1060	1100	1310	7.3
UF16/21/6	1.86	28.8	53.7	1550	1200	1170	1400	8.0
UF16/24/5	1.86	19.6	61.3	1202	1100	1200	1450	6.2
UF18/20/5	3.90	15.5	61.1	947	560	580	690	4.9
UF18/25/15	0.59	93.8	55.6	5215	3600	3730	4470	26.8
UF20.6/26/10	2.37	28.6	67.8	1938	930	900	1160	9.9
UF20/26/6	1.70	36.4	62.0	2255	1350	1330	1590	11.6
UF20/52/7	3.06	37.8	115.9	4851	780	850	990	22.8
UF21/32/7	1.29	54.9	71.0	3894	1820	1790	2170	20.0
UF21/32/8	1.20	58.3	71.3	4160	1800	1930	2330	21.4
UF21/32/8A	1.20	59.9	71.9	4309	1800	1930	2340	22.1

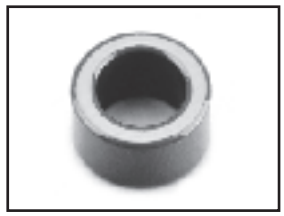
UF型/UF CORE

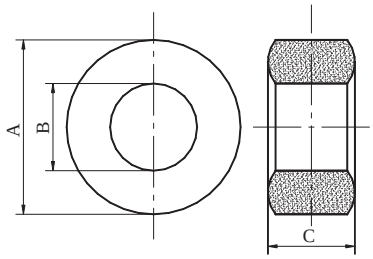
型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)				
		A	B	C	D	F
UF25/38/13	1	24.8±0.7	19.0^{+0}_{-1}	$13.0^{+0}_{-0.5}$	8.2±0.3	$10.0^{+0.5}_{-0}$
UF25/39/13	1	24.8±0.7	19.6±0.2	12.7±0.3	8.4±0.4	11.4±0.4
UF26/40/4	1	25.8±0.3	20.1±0.2	3.7±0.2	7.8±0.3	14.7±0.2
UF26/48/2	1	26.0±0.3	23.75±0.15	2.2±0.15	8.0±0.3	14.75±0.15
UF27/58/10	1	27.2±0.3	29±0.25	10.0±0.2	14.2±0.25	22.5±0.25
UF28/43/6	1	27.8±0.3	21.3±0.2	5.5±0.2	7.8±0.3	14.7±0.2
UF34/39/13	2	33.7±0.6	19.6±0.2	12.7±0.3	8.3±0.3	11.3±0.3
UF35/67/10	1	35.0±0.4	33.6±0.25	10.0±0.2	19.0±0.3	25.6±0.25
UF40/49/16	1	40.3±0.4	24.6±0.2	16.3±0.3	12.3±0.4	14.0±0.3
UF44/50/17	1	44.0±0.6	25.0±0.25	17.0±0.25	10.0±0.5	12.5±0.2
UF44/52/10	1	44.0±0.6	$26.0^{+0}_{-0.3}$	$10.5^{+0}_{-0.5}$	17.0±0.5	$13.7^{+0.3}_{-0}$
UF44/69/13	1	44.0±0.6	$34.5^{+0}_{-0.5}$	$13.5^{+0}_{-0.5}$	17.0±0.5	21.0±0.3

UF型/UF CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2)			重量(g) Weight
					TP4	TP4A	TP4W	
UF25/38/13	0.79	105.6	83.4	8807	2890	2900	3650	45.0
UF25/39/13	0.80	104.0	88.2	9167	2800	3160	3650	47.1
UF26/40/4A	4.47	20.8	93.0	1933	510	540	660	11.0
UF26/48/2	5.21	19.8	103.3	2045	650	490	570	10.5
UF27/58/10A	2.14	64.8	138.8	9001	1140	1200	1460	46.2
UF28/43/6	2.57	38.1	97.9	3725	900	850	1150	19.9
UF34/39/13	0.68	134.7	92.3	12428	2600	3550	4330	63.8
UF35/67/10	2.07	80.0	165.5	13243	1190	1250	1540	68.0
UF40/49/16	0.58	202.9	117.8	23904	4130	4300	5280	122.8
UF44/50/17	0.45	253.0	114.6	29005	5300	6000	6780	149.0
UF44/52/10	1.19	117.0	140.0	19200	2050	2500	2630	98.6
UF44/69/13	1.02	169.0	172.0	31300	2430	2900	3140	160.8

TDG 功率软磁铁氧体磁芯规格与尺寸 Power Ferrite Core Types and Dimensions



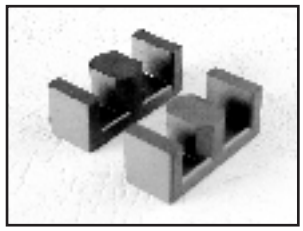


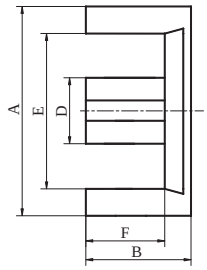
T型/T CORE

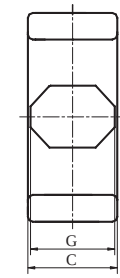
型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL(nH/N^2)±25%			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
T4*2*1.6	4.0±0.3	2.0±0.3	1.6±0.3	5.70	1.5	8.7	13.4	470	450	630	0.1
T6*3*1.5	6.0±0.3	3.0±0.3	1.5±0.3	6.00	2.2	13.1	28.2	390	470	600	0.1
T6*3*2	6.0±0.3	3.0±0.3	2.0±0.3	4.50	2.9	13.1	37.7	560	630	800	0.2
T6*3*3	6.0±0.3	3.0±0.3	3.0±0.3	3.00	4.3	13.1	56.5	750	950	1200	0.3
T6.35*3.17*7.93	6.35±0.19	3.17±0.15	7.93±0.3	1.14	12.1	13.8	166	2400	2480	3140	0.9
T8*4*4	8.0±0.3	4.0±0.3	4.0±0.3	2.25	7.7	17.4	134	1250	1260	1600	0.7
T9*5*3	9.0±0.3	5.0±0.3	3.0±0.3	3.58	5.8	20.8	121	620	790	1000	0.8
T9*5*4	9.0±0.3	5.0±0.3	4.0±0.3	2.67	7.7	20.8	162	1000	1060	1340	0.9
T10*5*5	10.0±0.4	5.0±0.4	5.0±0.3	1.70	12.9	22.2	286	1480	1660	2100	1.4
T10*5*6.5	10.0±0.4	5.0±0.3	6.5±0.3	1.30	15.6	21.7	340	2000	2170	2750	1.8
T10*6*3.5	10.0±0.4	6.0±0.4	3.5±0.3	3.50	6.8	24.1	165	750	810	1020	1.0
T10*6*4	10.0±0.4	6.0±0.4	4.0±0.3	3.00	7.8	24.1	188	900	940	1190	1.0
T10*6*5	10.0±0.4	6.0±0.4	5.0±0.3	2.55	9.8	24.1	236	1000	1110	1400	1.1
T12.7*7.1*4.8	12.7±0.4	7.1±0.4	4.8±0.3	2.79	10.5	29.3	308	1400	1010	1280	1.6
T12.7*7.8*5	12.7±0.4	7.8±0.4	5.0±0.3	2.58	12.0	31.0	372	1000	1090	1380	1.9
T12.7*7.92*3.18	12.7±0.25	7.92±0.25	3.18±0.13	4.20	7.5	31.2	233	690	670	850	1.2
T12.7*7.92*5	12.7±0.4	7.92±0.3	5.0±0.3	2.70	11.7	31.2	366	1000	1050	1320	1.9
T12.7*7.92*6.35	12.7±0.3	7.92±0.3	6.35±0.3	2.10	15.0	331.2	466	1350	1340	1700	2.4
T13*7*5	13.0±0.5	7.0±0.4	5.0±0.3	2.00	14.5	29.5	429	1300	1410	1790	2.3
T14*8*7	14.0±0.4	8.0±0.3	7.0±0.3	1.60	20.5	32.5	672	2200	1770	2230	3.5
T14*9*4	14.0±0.5	9.0±0.4	4.0±0.3	3.55	9.8	35.0	344	900	790	1010	1.7
T14*9*5	14.0±0.4	9.0±0.4	5.0±0.3	2.80	12.3	34.9	430	960	1010	1280	2.2
T15.9*9.4*9.5	$15.9^{+0.4}_{-0}$	$9.4^{+0.3}_{-0}$	$9.5^{+0.1}_{-0.2}$	1.20	30.5	37.9	1155	2150	2350	2980	5.9
T16*12*8	16.0±0.5	12.0±0.4	8.0±0.3	2.75	15.9	43.4	689	1000	1030	1300	3.1
T16*9*5	16.0±0.5	9.0±0.5	5.0±0.3	2.18	17.0	37.2	633	1200	1290	1640	3.1
T16*9*6.3	16.0±0.5	9.0±0.4	6.3±0.3	1.70	21.5	37.2	798	1600	1660	2100	3.9

T型/T CORE

型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL(nH/N^2)±25%			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TP4	TP4A	TP4W	Weight
T16*9*8	16.0±0.4	9.5±0.4	8.0±0.3	1.50	25.4	38.2	974	1800	1880	2390	5.0
T16*9*8A	16.0±0.5	9.0±0.4	8.0±0.3	1.37	27.2	37.2	1013	1800	2060	2610	5.2
T18*10*8	18.0±0.5	9.6min	8.0±0.3	1.30	31.1	41.5	1292	2100	2180	2750	6.6
T22*10*9.2	$22.0^{+0.3}_{-0.2}$	$10.0^{+0.2}_{-0.1}$	9.2±0.2	0.86	52.4	45.4	2380	2670	3280	4160	12.0
T22*14*6	22.0±0.6	14.0±0.6	6.0±0.3	2.30	23.6	54.7	1290	1300	1230	1560	6.6
T22*14*6.5	22.0±0.6	14.0±0.6	6.5±0.3	2.13	25.6	54.7	1397	1350	1330	1680	6.7
T22*14*8	22.0±0.6	14.0±0.4	8.0±0.3	1.70	19.5	54.7	1720	1300min	1660	2100	8.8
T22*14*12	22.0±0.6	14.0±0.4	12.0±0.3	1.20	47.2	54.7	2580	2250	2350	2980	13.3
T22*14*12.7	22.0±0.6	14.0±0.6	12.7±0.3	1.09	49.9	54.7	2730	2480	2700	3280	13.7
T22*14*13	22.0±0.6	14.0±0.6	13.0±0.3	1.12	49.3	55.3	2725	2700	2520	3190	14.0
T22*14*14	22.0±0.6	13.5min	14.0±0.3	1.06	52.4	55.5	2910	2100min	2660	3380	15.0
T25*15*9	25.0±0.5	14.5min	$9.0^{+0.3}_{-0.5}$	1.40	43.5	60.2	2621	1400min	2020	2560	13.5
T25*15*10	$25.4^{+0.2}_{-0.3}$	$15.0^{+0.2}_{-0.3}$	$10.2^{+0.2}_{-0.3}$	1.17	51.8	60.6	3142	2300	2050	3060	14.1
T25*15*15	25.0±0.6	15.0±0.6	15.0±0.4	0.80	73.4	60.2	4417	3900	3530	4470	22.7
T25*15*18	25.0±0.6	15.0±0.6	18.0±0.4	0.70	88.1	60.2	5300	4100	4040	5110	27.2
T27*11*8	27.0±0.6	10.5min	8.0±0.4	0.90	59.9	52.4	3135	3300	3140	3980	16.1
T28*14*7.4	28.0±0.6	14.0±0.6	7.4±0.5	1.22	49.8	61.0	3035	2300	2310	2930	15.6
T30*11*5	$31.0^{+0}_{-0.8}$	$11.0^{+0}_{-0.8}$	5.0±0.3	1.20	45.6	54.0	2461	1800min	2350	2980	12.6
T30*11*6	$30.0^{+0}_{-0.8}$	$11.0^{+0.5}_{-0}$	6.0±0.4	1.15	49.6	56.9	2824	2200min	2460	3110	14.5
T30*11*7	$31.0^{+0}_{-0.8}$	$11.0^{+0}_{-0.8}$	7.0±0.3	0.85	63.8	54.0	3446	2200min	3320	4210	17.7
T30*11*8	$30.0^{+0}_{-0.8}$	11.0min	8.0±0.3	0.80	67.7	55.4	3751	3300	3530	4470	22.2
T31*19*8	31.0±0.6	19.0±0.6	8.0±0.3	1.60	47.1	75.5	3552	1690	1750	2230	18.1
T31*19*13	31.0±0.6	19.0±0.5	13.0±0.4	1.00	76.5	75.5	5772	2900	2820	3580	29.6
T31*19*15	31.0±0.6	19.0±0.5	15.0±0.4	0.85	88.2	75.5	6660	3250	3330	4210	34.2
T32*17*15.5	32.0±0.6	16.5min	15.5±0.4	0.60	112.5	72.1	8104	4600	4710	5970	41.6
T32.5*10.6*7	32.8max	10.6min	$7.0^{+0.1}_{-0.4}$	0.80	68.5	56.3	3856	3370	3530	4470	19.8
T36*23*15	36.0±0.6	23.0±0.6	15.0±0.3	0.94	95.9	89.7	8596	2200min	3000	3810	44.2
T36*23*19	36.0±0.6	23.0±0.6	19.0±0.4	0.73	121.5	89.6	10888	3800	3870	4900	55.9
T38*19*13	38.0±0.7	19.0±0.6	13.0±0.5	0.69	118.7	82.7	9820	3910	4090	5190	49.0
T38*19*18	38.0±0.7	19.0±0.7	18.0±0.5	0.50	164.3	82.7	13597	5600	5650	7160	69.8





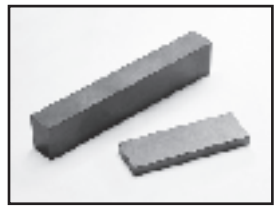


EK型/EK CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C1	D	E	F	G
EK28/20	27.9±0.5	10.2±0.2	11.9±0.2	8.5±0.2	20.4min	$6.6^{+0.2}_{-0.15}$	11.3±0.25
EK28/28	27.9±0.5	14.0±0.25	11.9±0.3	8.5±0.25	20.4min	10.4±0.25	11.3±0.25
EK28/34	27.9±0.5	16.9±0.25	11.9±0.3	8.5±0.25	20.4min	12.53±0.25	11.3±0.25
EK29/23	$29.3^{+0.4}_{-0.7}$	$11.6^{+2.0}_{-0.2}$	$11.8^{+0.3}_{-0.2}$	$8.35^{+0.25}_{-0.15}$	21.5min	$8.0^{+2.0}_{-0.2}$	$11.1^{+0.4}_{-0.2}$
EK29/29	29.3±0.4	14.6±0.2	11.9±0.2	8.4±0.2	21.6min	11.0±0.2	
EK35/39	35.0±0.5	19.4±0.25	13.2±0.3	9.1±0.25	25.6min	14.7±0.25	12.6±0.25
EK39/22	39.0±0.5	22.2±0.25	13.5±0.3	11.5±0.25	28.0min	17.2±0.25	12.9±0.25
EK39/39	39.0±0.5	19.6±0.25	13.5±0.3	11.5±0.25	28.0nin	14.6±0.25	12.9±0.25
EK40/45	39.5±0.5	22.5±0.25	14.0±0.3	12.0±0.25	27.9min	17.2±0.25	13.4±0.25
EK42/45	42.0±0.5	22.4±0.25	16.0±0.3	14.0±0.25	28.4min	16.1±0.25	15.4±0.25
EK49/52	49.0±0.5	25.8±0.25	18.0±0.3	15.5±0.25	34.7min	18.5±0.25	17.4±0.25

EK型/EK CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25%			重量(g) Weight
					TP4	TP4A	TP4W	
EK28/20	0.59	84.9	50.0	4241	3500	3640	4340	21.8
EK28/28	0.76	84.9	65.2	5535	2800	2990	3600	28.4
EK28/34	0.84	88.2	73.9	6520	2500	2770	3350	33.5
EK29/23	0.70	86.2	58.1	5002	3060	3170	3800	25.7
EK29/29	0.70	86.2	69.2	5965	2700	3290	3970	30.6
EK35/39	0.77	116.3	90.2	10485	2700	3120	3800	53.9
EK39/22	0.69	147.4	101.5	14955	2700	3540	4330	76.8
EK39/39	0.61	148.7	90.3	13428	2800	3940	4810	69.0
EK40/45	0.67	151.3	102.2	15458	3400	3650	4470	79.4
EK42/45	0.49	201.0	99.5	20000	4200	4980	6080	102.7
EK49/52	0.45	249.7	112.0	28965	4000	5510	6750	148.8



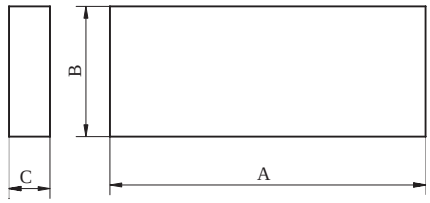


FIG.1

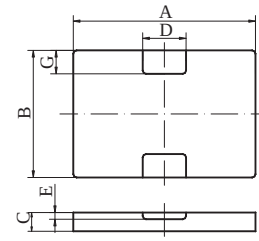
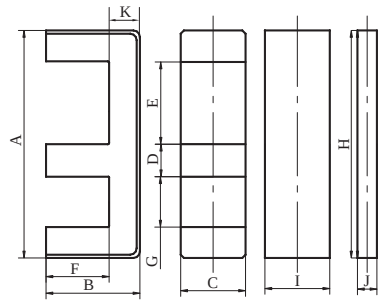


FIG.2

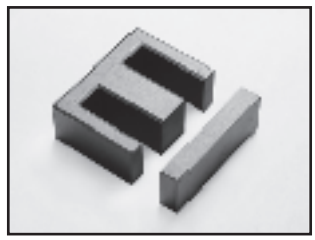
I型/I CORE

型号 TYPE	图例	尺寸 Dimensions (mm)						重量(g) Weight
		A	B	C	D	E	G	
I33/22/3.2	2	33.0±0.4	22.0±0.3	3.2±0.15	6.5±0.1	1.0±0.1	4.0±0.05	10.9
I42/24/4	1	42.0±0.8	23.5±0.5	4.3±0.2				20.4
I45/15/5	1	45.0±1.0	15.0±1.0	$5.0^{+0}_{-0.3}$				16.2
I55/24/4	1	55.0±1.0	23.5±0.5	3.95±0.2				52.0
I64.5/24/4	1	$64.5^{+0.9}_{-0.5}$	23.5±0.5	3.95±0.2				28.7
I64.5/8/2	1	$64.5^{+0.3}_{-0.2}$	$8.0^{+0}_{-0.4}$	2.0±0.08				5.0
I79/24/4	1	79.15±0.85	23.5±0.5	4.0±0.2				35.7



EI型/EI CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	D	E	F	G
EI20/11/4	20.4±0.25	6.5±0.1	4.0±0.2	1.5±0.15	8.3±0.2	4.0±0.15	6.6±0.2
	H:20.4$^{+0.5}_{-0}$	I:4.5±0.2	J:2.0$^{+0.05}_{-0.1}$				
EI22.2/11/4	22.2±0.25	6.5±0.1	4.0±0.2	1.5±0.15	8.3±0.2	4.0±0.15	6.4±0.2
	H:22.6±0.2	I:4.5±0.2	J:2.0$^{+0.05}_{-0.1}$				
EI22.4/11/4	22.4±0.25	6.5±0.1	4.0±0.2	1.5±0.15	8.3±0.2	4.0±0.15	6.6±0.2
	H:22.4$^{+0.5}_{-0}$	I:4.5±0.2	J:2.0$^{+0.05}_{-0.1}$				
EI23.4/11/4	23.4±0.25	6.5±0.1	4.0±0.2	1.5±0.15	8.3±0.2	4.0±0.15	6.6±0.2
	H:23.4±0.25	I:4.5±0.2	J:2.0$^{+0.05}_{-0.1}$				
EI24/11/4	24.1±0.35	6.5±0.1	4.0±0.2	1.5±0.15	11.8±0.2	4.2±0.15	6.8±0.2
	H:24.4±0.3	I:4.4±0.05	J:2.02±0.08				
EI27.7/13/5	27.7±0.25	8.5±0.1	4.5±0.2	1.5±0.15	13.6±0.2	6.0±0.15	8.4±0.2
	H:28.7$^{+0.3}_{-0.2}$	I:4.5±0.2	J:3.0±0.1				
EI28.8/7/3	28.8±0.4	3.6±0.1	3.2±0.1	3.4±0.1	22.0±0.3	1.3±0.1	5.82±0.15
	H:29.5±0.4	I:3.5±0.1	J:2.2±0.1	K:3.4±0.1			
EI31.5/13/5	31.5±0.25	8.5±0.1	4.5±0.2	1.5±0.15	13.6±0.2	6±0.15	8.4±0.2
	H:32.0$^{+0.3}_{-0.2}$	I:3.0±0.1	J:4.5±0.15				
EI33.9/14/4	33.9±0.45	8.6±0.1	3.5±0.15	1.5±0.15	15.8±0.25	5.1±0.1	9.6±0.25
	H:35±0.45	I:5.5±0.1	J:2.4±0.1				



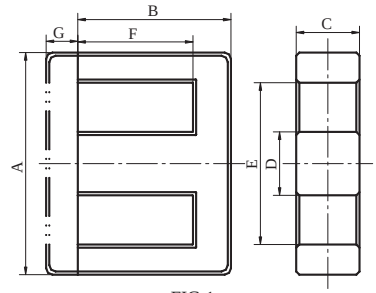
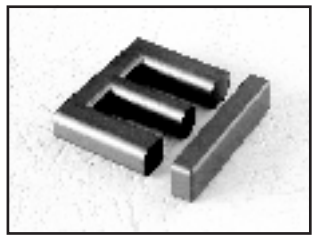


FIG.1

EI型/EI CORE

型号	图例	尺寸 Dimensions (mm)						
TYPE	FIG.	A	B	C	D	E	F	G
EI12.5/9/5	1	12.5±0.3	7.4±0.2	5.0±0.2	2.4±0.2	9.1min	5.1±0.2	1.5±0.15
EI13/11/4	1	12.7±0.25	9.9±0.1	3.55±0.15	3.2±0.13	9.5±0.25	8.2±0.13	1.75±0.05
EI16/14/5	1	16.0±0.4	12.4±0.2	4.8±0.2	4.0±0.2	12.0min	10.3±0.3	2.1±0.2
EI19/16/5	1	19.2±0.4	13.6±0.4	$5.1^{+0}_{-0.5}$	$5.1^{+0}_{-0.5}$	14.0min	11.3±0.3	2.4±0.2
EI19/16/5A	1	19.3±0.3	14.0±0.3	$5.1^{+0}_{-0.5}$	$5.1^{+0}_{-0.5}$	13.9min	11.7±0.3	2.4±0.2
EI19/16/5B	1	19.0±0.3	13.6±0.3	4.85±0.25	4.85±0.25	$14.0^{+0.5}_{-0}$	11.3±0.3	2.35±0.25
EI19/16/5C	1	19.1±0.4	13.7±0.2	4.7±0.3	$5.0^{+0}_{-0.4}$	14.2±0.4	11.4±0.2	2.4±0.2
EI19/16/5D	1	19.0±0.3	13.55±0.35	5.0±0.2	4.45±0.25	14.65±0.45	11.25±0.35	2.3±0.2
EI22/19/6	1	22.0±0.6	15.0±0.3	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	15.6min	11.0±0.3	4.0±0.3
EI22/19/6A	1	22.0±0.5	14.75±0.25	5.75±0.25	5.75±0.25	16.0±0.5	10.75±0.25	4.0±0.2
EI25/13/6	1	25.4±0.5	9.5±0.2	6.4±0.3	6.35±0.2	18.55min	6.45±0.2	3.0±0.2
EI25/19/7	1	$25.3^{+0.6}_{-0.5}$	$15.3^{+0.8}_{-0}$	7.0^{+0}_{-09}	$6.5^{+0.3}_{-0.4}$	18.7min	$12.2^{+0.9}_{-0.1}$	$2.7^{+0.8}_{-0.2}$
EI25/19/7A	1	25.4±0.5	15.8±0.3	6.4±0.3	6.4±0.3	18.7min	12.8±0.3	3.2±0.3
EI25/20/6	1	25.4±0.5	16.8±0.3	6.35±0.25	6.35±0.25	19.5min	13.5±0.3	3.0±0.2
EI25/20/7	1	25.4±0.5	16.5±0.3	6.6±0.3	6.6±0.3	19.1min	13.2±0.3	3.0±0.3
EI25/20/7A	1	25.4±0.5	$16.5^{+0.5}_{-0}$	6.6±0.3	6.6±0.3	19.1min	$13.0^{+0.5}_{-0}$	3.0±0.3
EI25/20/7B	1	25.4±0.5	16.5±0.3	6.6±0.3	6.6±0.3	18.6min	13.2±0.3	3.0±0.3
EI26.5/22/6	2	26.5±0.45	18.4±0.2	6.0±0.2	4.3±0.2	14.5±0.45	14.0±0.2	3.9±0.2
		H:27.5±0.4	I:7.0±0.2					



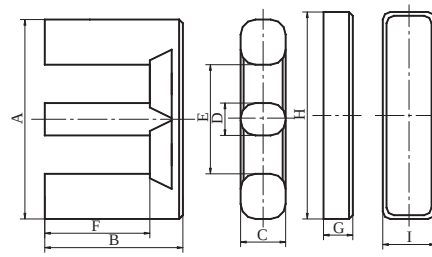


FIG.2

EI型/EI CORE

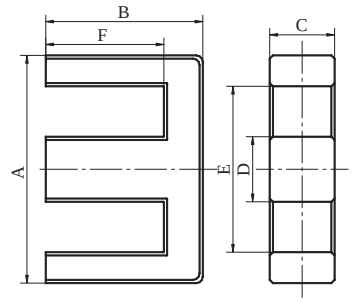
型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2)		重量(g) Weight
					TP4	TP4A	
EI12.5/9/5	1.39	15.6	21.7	339	1200	1210	1.7
EI13/11/4	2.40	11.6	27.9	324	730	750	1.6
EI16/14/5	1.47	23.3	34.2	795	1250	1290	4.0
EI19/16/5	1.65	24.0	39.5	910	1151	1189	4.6
EI19/16/5A	1.71	23.5	40.2	944	1156	1195	4.8
EI19/16/5B	2.68	23.1	62.0	1429	805	835	7.3
EI19/16/5C	1.49	26.3	39.1	1029	1301	1344	5.2
EI19/16/5D	1.75	22.7	39.7	896	1209	1246	4.6
EI22/19/6	1.05	40.1	42.3	1697	1812	1873	8.6
EI22/19/6A	1.13	37.1	42.0	1556	1760	1820	7.9
EI25/13/6	0.89	39.8	35.4	1408	2110	2170	7.2
EI25/19/7	1.23	39.2	48.1	1883	1600	1770	9.6
EI25/19/7A	1.21	39.6	48.0	1901	1770	1800	9.7
EI25/20/6	0.56	122.0	67.8	8247	1770	1800	42.0
EI25/20/7	1.19	41.6	49.3	2051	1790	1800	10.4
EI25/20/7A	1.18	41.7	49.3	2051	1790	1800	10.4
EI25/20/7B	1.14	42.9	49.1	2107	1800	1950	10.7
EI26.5/22/6	1.69	31.2	52.8	1648	1290	1350	8.4

EI型/EI CORE

型号	图例	尺寸 Dimensions (mm)						
TYPE	FIG.	A	B	C	D	E	F	G
EI27/21/8	1	26.5±0.5	17.3±0.3	8.0±0.3	7.0±0.3	18.5min	13.5±0.3	$3.5^{+0.8}_{-0.2}$
EI28/20/11	1	28.0±0.5	17.0±0.3	10.7±0.3	7.2±0.3	18.6min	12.6±0.3	3.5±0.3
EI28/20/11A	1	28.0±0.6	$17.5^{+0.3}_{-0.2}$	$11.0^{+0}_{-0.5}$	$7.5^{+0}_{-0.6}$	18.6min	$12.8^{+0.3}_{-0.2}$	3.5±0.3
EI28/20/11B	1	28.5±0.5	17.3±0.3	10.8±0.2	$7.5^{+0}_{-0.6}$	18.6min	12.8±0.2	3.5±0.2
EI28/20/11C	1	28.5±0.5	16.7±0.2	10.8±0.2	7.3±0.2	19.2min	12.5±0.3	3.5±0.2
EI28/20/11D	1	28.0±0.4	$16.5^{+0.5}_{-0}$	$11.0^{+0}_{-0.5}$	$7.5^{+0}_{-0.5}$	18.6min	$12.0^{+0.5}_{-0}$	3.5±0.2
EI28/23/11	1	28.0±0.5	$19.5^{+0.5}_{-0}$	$10.8^{+0}_{-0.4}$	$7.5^{+0}_{-0.6}$	18.6min	$15.0^{+0.5}_{-0}$	3.5±0.3
EI28/26/11	1	$28.0^{+0.6}_{-0.3}$	21.8±0.3	10.4±0.3	$8.0^{+0}_{-0.5}$	19.9min	$17.5^{+0.5}_{-0}$	4.0±0.2
EI30/27/11	1	30.5±0.6	21.4±0.3	10.7±0.3	10.7±0.3	19.5min	16.5±0.3	5.5±0.3
EI30/27/11A	1	30.5±0.5	$21.5^{+0.6}_{-0.3}$	$11.0^{+0}_{-0.5}$	$11.0^{+0}_{-0.5}$	20.0min	$16.5^{+0.6}_{-0}$	5.5±0.3
EI30/27/11B	1	30.4±0.4	21.3±0.3	$10.75^{+0.2}_{-0.3}$	$10.75^{+0.2}_{-0.3}$	20.6±0.4	16.5±0.25	5.5±0.2
		H:4.9±0.2	I:4.8±0.2					
EI31/27/11	1	31.2±0.4	21.25±0.25	10.7±0.3	10.7±0.3	21.0min	16.25±0.25	5.5±0.3
EI33/29/13	1	33.0±0.5	23.75±0.25	12.7±0.3	9.7±0.3	23.6min	19.25±0.25	4.8±0.3
EI33/29/13A	1	33.0±0.6	$24.0^{+0.5}_{-0}$	$13.0^{+0}_{-0.5}$	9.7±0.3	$24.0^{+0.6}_{-0.5}$	$19.0^{+0.5}_{-0}$	5.0±0.3
EI35/29/10	1	35.0±0.6	24.2±0.4	$10.3^{+0}_{-0.5}$	$10.3^{+0}_{-0.5}$	24.5min	18.2±0.3	5.0±0.2
EI35/29/12	1	35.0±0.5	24.2±0.3	11.7±0.3	10.0±0.2	25.4min	18.3±0.2	5.6±0.3
EI35/29/12A	1	35.0±0.6	24.4±0.4	11.7±0.3	10.0±0.3	24.5min	18.4±0.3	5.0±0.3
EI40/35/12	1	40.0±0.7	$27.2^{+0.6}_{-0}$	$12.0^{+0}_{-0.5}$	$12.0^{+0}_{-0.5}$	27.5min	$20.2^{+0.6}_{-0}$	7.5±0.3
EI40/35/12A	1	40.2±0.6	27.25±0.25	$12.0^{+0}_{-0.6}$	$12.0^{+0}_{-0.6}$	28.3±0.6	20.25±0.25	7.5±0.3
EI50/42/15	1	50.0±0.7	33.35±0.35	14.6±0.4	14.6±0.4	34.0min	24.75±0.3	9.0±0.3
EI60/44/16	1	60.0±0.8	35.85±0.35	15.6±0.4	15.6±0.4	44.1min	27.85±0.35	8.5±0.3

EI型/EI CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EI27/21/8	0.84	59.8	50.2	3003	2500	2560	15.3
EI28/20/11	0.68	88.7	59.9	5309	3800	3200	27.0
EI28/20/11A	0.55	89.5	49.3	4399	3800	3900	22.4
EI28/20/11B	0.56	87.0	49.0	4257	3690	3820	21.7
EI28/20/11C	0.57	85.4	48.9	4176	3620	3750	21.2
EI28/20/11D	0.57	86.0	48.2	4145	3801	3740	21.1
EI28/23/11	0.63	87.1	55.3	4813	3600	3670	24.5
EI28/26/11	0.69	86.9	60.3	5242	2800	3250	26.7
EI30/27/11	0.53	110.3	58.3	6434	3800	4450	32.7
EI30/27/11A	0.53	109.4	58.5	6402	4533	4460	32.6
EI30/27/11B	0.54	107.2	58.4	6259	4531	4450	31.8
EI31/27/11	0.54	110.0	59.4	6554	4000	4140	33.3
EI33/29/13	0.57	117.8	67.4	7947	4092	4020	40.4
EI33/29/13A	0.57	119.3	68.0	8113	3894	3830	41.3
EI35/29/10	0.64	107.0	68.1	731	3200	3830	3.7
EI35/29/12	0.58	118.9	68.7	8161	3200	3830	41.5
EI35/29/12A	0.56	123.2	68.8	8474	3800	3830	43.1
EI40/35/12	0.53	145.9	77.3	11284	4200	4700	57.4
EI40/35/12A	0.53	146.9	77.2	11347	4700	4430	57.7
EI50/42/15	0.41	231.0	94.1	21759	5500	5910	110.7
EI60/44/16	0.41	272.0	111.8	30454	5400	6200	154.9



EE型/EE CORE

型号 TYPE	尺寸 Dimensions (mm)					
	A	B	C	D	E	F
EE5/5/2	5.25±0.1	2.65±0.08	1.95±0.1	1.35±0.1	3.8min	2.0±0.08
EE6.25/7/2	6.25±0.15	3.65±0.05	$2.0^{+0}_{-0.1}$	$1.4^{+0}_{-0.1}$	4.8min	$2.9^{+0.15}_{-0}$
EE6.3/6/2	$6.3^{+0}_{-0.25}$	3.0±0.1	1.9±0.1	1.35±0.1	3.6min	2.0±0.1
EE8.3/8/4	8.3±0.2	4.25±0.1	3.9±0.15	$2.0^{+0}_{-0.3}$	6.3±0.2	3.25±0.1
EE8.3/8/4A	8.3±0.3	4.2±0.2	3.9±0.2	2.15±0.15	6.3min	3.2±0.15
EE9.3/32/2	9.3±0.2	15.85±0.2	2.15±0.1	3.5±0.1	5.8±0.15	14.15±0.2
EE10.45/12/5	$10.45^{+0.2}_{-0.15}$	5.76±0.14	5.05±0.15	2.7±0.1	7.65±0.25	4.4±0.14
EE10.5/8/4	10.5±0.3	3.8±0.2	3.9±0.25	2.7±0.2	8.7±0.3	2.9±0.2
EE10/11/5	10.2±0.3	5.5±0.2	4.85±0.15	2.5±0.2	7.5min	4.3±0.2
EE10/24/2	9.8±0.2	12.15±0.2	2.4±0.1	3.6±0.1	6.3±0.15	10.45±0.2
EE12.5/13/4	12.7±0.4	6.4±0.2	3.6±0.2	3.7±0.2	8.8min	4.65±0.3
EE12.9/13/4	$12.9^{+0.45}_{-0}$	6.95±0.1	3.6±0.1	3.6±0.1	9.45min	5.0±0.1
EE12/24/2	11.7±0.3	11.8±0.2	2.0±0.1	4.4±0.1	7.3±0.15	9.6±0.2
EE13/9/6	13.0±0.4	4.4±0.2	5.9±0.3	2.6±0.2	9.8min	2.9±0.2
EE13/12/8	13.0±0.3	6.2±0.2	8.0±0.2	3.0±0.15	10.0±0.3	4.8±0.2
EE13/13/10	13.0±0.4	6.5±0.2	$9.8^{+0.3}_{-0.1}$	3.6±0.2	8.5min	4.6±0.2
EE13/13/10A	12.95±0.3	$6.5^{+0}_{-0.5}$	9.8±0.2	3.55±0.15	8.9min	$4.5^{+0.3}_{-0}$
EE13/13/10B	13.4±0.3	6.55±0.15	9.8±0.2	3.6±0.2	9.4min	4.65±0.2
EE13/13/6	$12.6^{+0.5}_{-0.2}$	$6.5^{+0}_{-0.4}$	$6.0^{+0}_{-0.5}$	$3.7^{+0}_{-0.3}$	$8.9^{+0.6}_{-0}$	$4.5^{+0.3}_{-0}$
EE13.1/13/4	13.1±0.5	6.4±0.2	3.6±0.2	3.7±0.2	9.2min	4.65±0.3

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EE5/5/2	4.88	2.6	12.7	32.5	260	270	0.2
EE6.25/7/2	6.77	2.6	17.6	45.7	210	240	0.2
EE6.3/6/2	3.74	3.3	12.4	41.0	330	360	0.2
EE8.3/8/4	2.70	7.6	20.5	155	580	590	0.8
EE8.3/8/4A	2.22	7.8	17.3	158	675	710	0.8
EE9.3/32/2	8.57	7.5	64.3	483	270	300	2.5
EE10.45/12/5	1.94	13.8	26.8	370	890	900	1.9
EE10.5/8/4	2.62	7.7	20.2	155	610	700	0.8
EE10/11/5	2.10	12.7	26.1	331	810	840	1.7
EE10/24/2	5.94	8.4	49.9	419	350	360	2.1
EE12.5/13/4	2.40	12.4	29.7	369	800	800	1.9
EE12.9/13/4	2.46	12.9	31.8	411	770	800	2.1
EE12/24/2	5.48	8.8	48.2	424	370	390	2.2
EE13/9/6	1.42	16.6	23.6	391	1150	1180	2.0
EE13/12/8	1.27	24.0	30.5	732	1420	1500	3.7
EE13/13/10	0.79	37.5	29.7	1114	2200	2300	5.7
EE13/13/10A	0.84	35.5	29.8	1058	2240	2310	5.4
EE13/13/10B	0.84	36.5	30.5	1116	2200	2330	5.7
EE13/13/6	1.48	20.1	29.7	587	1210	1250	3.0
EE13.1/13/4	2.23	13.3	29.8	397	800	900	2.0

EE型/EE CORE

型号 TYPE	尺寸 Dimensions (mm) A	B	C	D	E	F
EE14/11/6	14±0.35	5.5±0.15	5.8±0.2	2.9±0.2	10.8min	4.0±0.2
EE15/7/10	15.0±0.3	3.5±0.2	$10.2^{+0.2}_{-0.4}$	3.15±0.15	11.7min	2.4±0.15
EE15/38/6	15.1±0.3	19.2±0.2	5.5±0.2	4.0±0.2	10.7±0.3	16.95±0.2
EE16.7/15/5	16.7±0.3	7.3±0.3	$5.1^{+0}_{-0.4}$	4.0±0.2	12.4min	$5.2^{+0.3}_{-0}$
EE16/9/10	16.0±0.3	4.4±0.2	$10.0^{+0.2}_{-0.4}$	4.15±0.15	11.6min	2.4±0.25
EE16/10/10	16.0±0.4	5.0±0.15	$10.2^{+0.2}_{-0.4}$	4.15±0.15	11.6min	3.05±0.25
EE16/12/10	16.0±0.3	5.8±0.1	$10.2^{+0.2}_{-0.4}$	4.15±0.15	11.7min	3.75±0.15
EE16/12/5	16.1±0.6	$5.95^{+0}_{-0.3}$	$4.7^{+0}_{-0.4}$	$4.7^{+0}_{-0.3}$	$11.3^{+0.6}_{-0}$	$3.45^{+0.6}_{-0}$
EE16/12/7	16.1±0.3	6.0±0.2	7.2±0.2	4.55±0.15	11.3min	3.85±0.15
EE16/13/5	16.1±0.4	6.3±0.1	4.5±0.2	4.55±0.15	11.3min	4.15±0.15
EE16/14/7	16.0±0.3	7.15±0.2	6.8±0.2	3.18±0.18	12.5min	5.5±0.2
EE16/14/7A	16.3±0.4	$7.3^{+0.4}_{-0}$	$7.0^{+0}_{-0.3}$	$4.0^{+0}_{-0.4}$	11.7min	$5.3^{+0.4}_{-0}$
EE16/16/3	$16.0^{+0.7}_{-0.5}$	$8.2^{+0}_{-0.3}$	$3.6^{+0}_{-0.4}$	$4.7^{+0}_{-0.3}$	$11.3^{+0.6}_{-0}$	$5.7^{+0.4}_{-0}$
EE16/15/5	16.0±0.4	7.3±0.3	$5.1^{+0}_{-0.4}$	4.0±0.2	11.7min	$5.2^{+0.3}_{-0}$
EE16/15/7	16.0±0.3	7.35±0.3	6.8±0.2	3.18±0.18	12.5min	5.7±0.2
EE16/16/5	16.1±0.6	8.05±0.15	4.5±0.2	4.55±0.15	11.3min	5.9±0.2
EE16/16/8	16.1±0.6	$8.2^{+0}_{-0.3}$	$8.4^{+0}_{-0.5}$	$4.7^{+0}_{-0.3}$	$11.3^{+0.5}_{-0}$	$5.7^{+0.4}_{-0}$
EE16/21/4	16.1±0.25	$10.5^{+0.4}_{-0}$	4.2±0.2	$4.4^{+0}_{-0.3}$	11.6min	$8.0^{+0.4}_{-0}$
EE16/25/5	16.0±0.4	12.4±0.3	$5.1^{+0}_{-0.4}$	4.0±0.2	11.7min	10.4±0.3
EE18/39/3	18.0±0.3	19.7±0.3	2.7±0.1	5.7±0.1	3.15±0.1	16.7±0.15
EE18/48/6	18.0±0.3	$24.1^{+0.4}_{-0}$	6.0±0.2	5.5±0.2	12.2±0.3	$20.9^{+0.4}_{-0}$
EE18/53/6	18.0±0.5	26.65±0.3	6.0±0.2	5.5±0.15	12.2±0.25	23.5±0.3
EE18.5/19/4.5	18.4±0.4	9.5±0.2	4.5±0.2	5.5±0.2	12.7min	6.3±0.2
EE19/16/5	19.0±0.4	8.0±0.3	$5.0^{+0.1}_{-0.5}$	$5.0^{+0}_{-0.5}$	13.8min	$5.6^{+0.4}_{-0.1}$
EE19/16/5A	19.0±0.4	8.0±0.3	$5.0^{+0.1}_{-0.5}$	4.5±0.3	13.8min	$5.6^{+0.4}_{-0.1}$

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EE14/11/6	1.70	17.2	28.8	495	1050	1080	2.5
EE15/7/10	0.86	25.6	22.1	565	1860	1910	2.9
EE15/38/6	3.42	23.3	79.8	1856	660	750	9.4
EE16.7/15/5	1.87	19.4	36.3	706	1060	1100	3.6
EE16/9/10	0.60	39.9	23.9	954	2500	2840	4.9
EE16/10/10	0.64	41.1	26.2	1078	2600	2600	5.5
EE16/12/10	0.72	40.9	29.5	1205	2480	2700	6.1
EE16/12/5	1.43	20.0	28.6	570	1280	1280	2.9
EE16/12/7	0.92	31.9	29.4	938	1900	2000	4.8
EE16/13/5	1.54	19.9	30.6	608	1200	1240	3.1
EE16/14/7	1.68	21.9	36.7	805	1130	1160	4.1
EE16/14/7A	1.34	27.3	36.5	998	1400	1520	5.1
EE16/16/3	2.51	15.0	37.6	564	797	830	2.9
EE16/15/5	1.85	19.3	35.7	687	1100	1100	3.5
EE16/15/7	1.71	21.9	37.5	822	1130	1170	4.2
EE16/16/5	1.93	19.5	37.7	737	950	1000	3.8
EE16/16/8	1.03	36.3	37.6	1365	1940	1940	6.9
EE16/21/4	2.60	18.1	47.5	873	790	820	4.4
EE16/25/5	2.80	19.6	55.2	1080	750	790	5.5
EE18/39/3	5.22	15.8	82.4	1304	460	500	6.6
EE18/48/6	2.93	34.3	100.4	3442	800	850	17.5
EE18/53/6	3.21	34.2	109.9	3760	740	850	19.1
EE18.5/19/4.5	1.63	25.6	41.8	1070	1280	1300	2.5
EE19/16/5	1.68	23.3	39.2	914	1100	1200	2.9
EE19/16/5A	1.81	22.0	39.9	879	1090	1130	2.5

EE型/EE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE19/16/5B	19.2±0.4	8.0±0.3	$5.0^{+0.1}_{-0.5}$	$5.0^{+0}_{-0.5}$	13.8min	$5.6^{+0.4}_{-0.1}$
EE19/16/7	19.05±0.4	8.3±0.25	6.5±0.2	4.75±0.25	14.2min	5.89±0.2
EE19/16/10	19.05±0.4	8.1±0.25	9.5±0.2	4.75±0.25	14.2min	5.69±0.2
EE19/27/5	19.2±0.4	13.6±0.3	$5.1^{+0}_{0.5}$	$5.1^{+0}_{0.5}$	14.0min	11.3±0.3
EE19/27/5A	19.5±0.3	13.55±0.25	$5.1^{+0}_{0.5}$	$5.1^{+0}_{-0.5}$	14.3min	11.3±0.3
EE20/8/6	20.0±0.4	4.2±0.15	5.7±0.2	5.7±0.2	14.4±0.3	$1.4^{+0.3}_{-0}$
EE20/18/11	$20.0^{+0.8}_{-0.6}$	$9.35^{+0}_{-0.4}$	$10.8^{+0}_{-0.4}$	$5.9^{+0}_{-0.4}$	$14.0^{+0.6}_{-0}$	$6.15^{+0.4}_{-0}$
EE20/18/11A	20.2±0.3	$9.4^{+0}_{-0.4}$	10.45±0.25	$5.9^{+0}_{-0.4}$	14.8min	$6.2^{+0.4}_{-0}$
EE20/18/6	$20.0^{+0.8}_{-0.6}$	$9.3^{+0}_{-0.4}$	$5.9^{+0}_{-0.5}$	$5.9^{+0}_{-0.4}$	14.1min	$6.1^{+0.4}_{-0}$
EE20/20/11	$20.0^{+0.8}_{-0.6}$	$10.2^{+0}_{-0.4}$	$10.8^{+0}_{-0.4}$	$5.9^{+0}_{-0.4}$	$14.1^{+0.6}_{-0}$	$7.0^{+0.4}_{-0}$
EE20/20/11A	20.2±0.3	$10.1^{+0}_{-0.3}$	10.45±0.25	$5.9^{+0}_{-0.4}$	14.8min	$7.0^{+0.4}_{-0}$
EE20/20/6	20.0±0.6	9.9±0.2	5.65±0.25	5.7±0.2	14.1min	7.2±0.2
EE20/20/6A	20.0±0.6	9.9±0.2	5.65±0.25	5.7±0.2	14.1min	7.2±0.2
EE20/20/9	20.0±0.4	10.15±0.25	9.2±0.25	4.5±0.2	15.2min	7.9±0.2
EE20/20/9A	20.0±0.6	9.9±0.2	8.8±0.25	5.7±0.2	14.1min	7.2±0.2
EE20/21/7	20.5±0.5	10.7±0.3	7.0±0.3	5.0±0.3	14.7min	7.0±0.3
EE20/27/5	20.0±0.3	13.7±0.2	4.85±0.25	4.95±0.15	15.1min	11.3±0.2
EE20/28/5	20±0.25	13.95±0.2	$5.0^{+0.05}_{-0.2}$	4.55±0.1	14.7±0.2	11.4±0.15
EE20.3/13/15	$20.3^{+0.8}_{-0.4}$	$6.25^{+0.25}_{-0}$	$15.0^{+0}_{-0.4}$	$5.0^{+0}_{-0.3}$	$15.4^{+0.6}_{-0}$	3.95±0.15
EE21/28/6	20.5±0.4	13.9±0.2	6.35±0.15	6.35±0.15	14.35±0.25	10.7±0.2
EE22/18/6	22.0±0.6	9.2±0.3	5.7±0.3	5.75±0.25	15.6min	5.5±0.25
EE22/19/6	$22.0^{+0}_{-0.6}$	9.55±0.25	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	15.5min	$5.3^{+0.4}_{-0}$
EE22/20/6	22.0±0.4	$10.0^{+0.6}_{-0}$	5.5±0.3	4.0±0.2	17.0min	$7.5^{+0.4}_{-0}$
EE22/24/6	$22.0^{+0}_{-0.6}$	11.9±0.25	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	15.6min	$7.9^{+0.4}_{-0}$
EE22/30/6	22.0±0.6	15.0±0.3	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	15.6min	11.0±0.3
EE22.4/44/5	22.4±0.3	22.2±0.3	4.7±0.2	5.8±0.2	16±0.2	18.2±0.2

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2)		重量(g) Weight
					TP4	TP4A	
EE19/16/5B	1.68	23.3	39.2	914	1100	1200	4.7
EE19/16/7	1.34	30.3	40.8	1236	1500	1520	6.3
EE19/16/10	0.90	44.3	40.0	1771	2000	2000	9.0
EE19/27/5	2.67	23.3	62.1	1448	840	840	7.4
EE19/27/5A	2.67	23.3	62.3	1445	850	850	7.4
EE20/8/6	0.76	31.6	23.4	729	2160	2220	3.7
EE20/18/11	0.73	59.1	43.1	2520	2730	2960	12.8
EE20/18/11A	0.77	56.4	43.2	2434	2700	2700	12.4
EE20/18/6	1.21	35.0	42.2	1505	1365	1460	7.7
EE20/20/11	0.76	60.6	46.0	2790	2730	2780	14.2
EE20/20/11A	0.83	56.4	46.7	2616	2560	2600	13.3
EE20/20/6	1.19	35.6	42.2	1505	1450	1720	7.7
EE20/20/6A	1.19	35.6	42.2	1505	1450	1450	7.7
EE20/20/9	1.21	41.1	49.7	2042	1730	1790	10.4
EE20/20/9A	0.94	49.1	46.2	2265	2170	2240	11.5
EE20/21/7	1.21	39.0	47.1	1840	1750	1800	9.4
EE20/27/5	2.65	23.8	63.0	1496	850	900	7.6
EE20/28/5	2.55	24.7	63.2	1564	800	890	8.0
EE20.3/13/15	0.48	71.0	34.0	2416	3900	4030	12.3
EE21/28/6	1.52	39.9	60.7	2421	1440	1610	12.3
EE22/18/6	1.19	35.6	42.4	1506	1600	1730	7.7
EE22/19/6	1.05	39.6	41.5	1645	1980	2050	8.4
EE22/20/6	1.06	37.2	39.4	1466	1850	1910	7.5
EE22/24/6	1.50	35.7	52.5	1871	1400	1450	9.5
EE22/30/6	1.82	35.3	64.4	2272	1200	1250	11.6
EE22.4/44/5	3.15	29.6	93.2	2757	740	770	14.0

EE型/EE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE25/14/15	25.05±0.4	6.85±0.2	$15.3^{+0.1}_{-0.5}$	$7.5^{+0}_{-0.5}$	$17.6^{+0.6}_{-0}$	3.4±0.15
EE25/14/17	25.05±0.4	7.1±0.2	$17.3^{+0}_{-0.5}$	$7.5^{+0}_{-0.5}$	$17.6^{+0}_{-0.5}$	3.65±0.15
EE25/18/11	$25.0^{+0}_{-0.5}$	$9.0^{+0}_{-0.25}$	$10.5^{+0}_{-0.4}$	7.8±0.2	17.0min	$5.0^{+0}_{-0.25}$
EE25/19/6	25.4±0.3	9.8±0.2	6.4±0.2	6.4±0.2	18.9±0.3	6.7±0.2
EE25/20/6	25.4±0.5	10.0±0.3	6.4±0.3	6.4±0.3	18.6min	6.8±0.3
EE25/20/6A	25.4±0.5	9.8±0.2	6.35±0.3	6.35±0.2	18.6min	6.8±0.2
EE25/20/6B	25.4±0.5	10.0±0.3	6.4±0.3	6.4±0.3	18.6min	6.8±0.3
EE25/21/7	25.05±0.75	10.4±0.25	7.25±0.25	7.25±0.25	17.5min	6.6±0.25
EE25/25/9	25.05±0.75	12.55±0.25	8.75±0.25	7.25±0.25	17.5min	8.95±0.25
EE25/25/9A	25.05±0.75	12.55±0.25	9.0±0.3	7.25±0.25	17.5min	8.95±0.25
EE25/26/11	25.05±0.75	12.55±0.25	10.75±0.25	7.25±0.25	17.5min	8.95±0.25
EE25/26/7	25.05±0.75	12.55±0.25	7.2±0.3	7.25±0.25	17.5min	8.95±0.25
EE25/29/6	25.4±0.5	14.7±0.3	6.35±0.25	6.35±0.25	18.8min	11.5±0.3
EE25/32/6	25.4±0.5	15.8±0.3	6.4±0.3	6.4±0.3	18.7min	12.8±0.3
EE25/34/6	25.4±0.5	16.9±0.3	6.35±0.25	6.35±0.25	18.6min	12.83±0.25
EE26/14/15	$26.3^{+0}_{-0.7}$	6.85±0.15	15.0±0.25	7.2±0.2	18.9min	3.35±0.15
EE26/14/15A	26.0±0.5	6.75±0.25	15.0±0.25	7.2±0.2	19.0±0.4	3.25±0.25
EE26/14/15B	$26.1^{+0}_{-0.6}$	6.75±0.2	15±0.25	5.7±0.2	$20.6^{+0}_{-0.6}$	3.9±0.2
EE26/14/17	$26.1^{+0}_{-0.6}$	6.75±0.2	17±0.25	5.7±0.2	$20.6^{+0}_{-0.6}$	3.9±0.2
EE26/17/15	26.0±0.5	8.7±0.25	15.0±0.25	7.2±0.2	19.0±0.4	5.2±0.25
EE26/17/26	26.0±0.5	8.6±0.2	26.0±0.3	7.2±0.2	19.0±0.4	5.1±0.2
EE26/20/7	25.9±0.4	9.8±0.2	$6.5^{+0.2}_{-0.3}$	6.5±0.2	19.0min	6.85±0.15
EE27.3/26/11.7	27.3±0.4	13.1±0.3	$11.7^{+0.15}_{-0.2}$	$7.7^{+0.15}_{-0.2}$	19.3min	9.2±0.25
EE27.3/31/11.7	27.3±0.4	15.3±0.3	$11.7^{+0.15}_{-0.2}$	$7.7^{+0.15}_{-0.2}$	19.3min	11.4±0.25
EE27/35/8	26.5±0.5	17.3±0.3	8.0±0.3	7.0±0.2	18.5min	13.5±0.3

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EE25/14/15	0.33	107.9	35.6	3844	5940	6200	19.6
EE25/14/17	0.30	122.8	36.6	4488	6590	6800	22.8
EE25/18/11	0.52	79.7	41.3	3290	4180	4180	16.7
EE25/19/6	1.21	40.7	49.2	2003	1720	1790	10.2
EE25/20/6	1.23	40.7	49.9	2034	1790	1800	10.3
EE25/20/6A	1.24	39.6	49.0	1961	1800	1800	10.0
EE25/20/6B	1.20	40.7	49.9	2034	1800	1780	10.3
EE25/21/7	0.89	54.1	48.4	2619	1730	1790	13.3
EE25/25/9	0.92	62.5	57.8	3615	2400	2400	18.4
EE25/25/9A	0.85	64.5	54.9	3726	2500	2580	19.0
EE25/26/11	0.76	75.9	57.9	4399	3000	3000	22.4
EE25/26/7	1.34	33.5	44.9	1500	1800	1900	7.6
EE25/29/6	1.83	40.1	73.5	2947	1220	1270	15.0
EE25/32/6	1.84	40.1	73.6	2947	1200	1400	15.0
EE25/34/6	1.77	42.2	74.8	3157	1270	1320	16.1
EE26/14/15	0.34	105.8	35.9	3793	6350	6550	19.3
EE26/14/15A	0.34	105.8	35.9	3793	6000	6000	19.3
EE26/14/15B	0.47	83.3	39.4	3279	4500	4800	16.7
EE26/14/17	0.42	94.6	39.4	3724	5200	5200	18.9
EE26/17/15	0.41	106.0	43.7	4623	5000	5020	23.5
EE26/17/26	0.24	184.2	43.4	8000	8500	8500	40.7
EE26/20/7	1.21	41.7	50.3	2096	1720	1790	10.7
EE27.3/26/11.7	0.68	90.0	60.9	5484	3200	3210	27.9
EE27.3/31/11.7	0.78	89.9	69.7	6272	2700	2880	31.9
EE27/35/8	1.29	59.8	77.1	4610	1600	1820	23.5

EE型/EE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE28/21/11	28.5±0.4	10.5±0.2	11.0±0.2	7.5±0.2	20.5±0.4	6.3±0.2
EE28/21/11A	28.0±0.4	10.73±0.25	$11.0^{+0}_{-0.4}$	$7.5^{+0}_{-0.5}$	18.5min	5.98±0.25
EE28/21/11B	28.5±0.5	10.5±0.3	11.0±0.3	7.5±0.3	20.5±0.5	6.3±0.3
EE28/23.5/11	28.0±0.4	11.75±0.2	10.75±0.25	$7.2^{+0.3}_{-0.25}$	$19.0^{+0.4}_{-0.2}$	7.45±0.15
EE28/24/12	28.0±0.5	$11.9^{+0.15}_{-0.1}$	12.0±0.3	7.2±0.3	18.6min	$7.4^{+0.15}_{-0.1}$
EE28/33/8	28.0±0.5	16.5±0.5	$7.7^{+0}_{-0.5}$	$7.5^{+0}_{-0.5}$	18.6min	12.3±0.3
EE28/34/11	28.0±0.6	16.8±0.3	10.6±0.3	7.2±0.3	18.6min	$12.3^{+0.5}_{-0.1}$
EE28/35/11	28.0±0.6	17.3±0.3	$11.0^{+0}_{-0.6}$	$7.5^{+0}_{-0.6}$	18.6min	12.8±0.3
EE29/28/8	29.0±0.6	14.2±0.2	7.8±0.2	10.15±0.2	18.8±0.4	9.1±0.2
EE30/26/11	30.0±0.5	13.3±0.3	10.7±0.3	10.7±0.3	19.6min	8.3±0.3
EE30/30/7	30.5±0.5	15.0±0.3	7.0±0.3	6.9±0.3	19.5min	10.2±0.3
EE30/58/11	$30.2^{+0.3}_{-0.5}$	29.0±0.2	11.0±0.2	6.0±0.15	23.9min	25.0±0.3
EE31/26/9	30.7±0.6	13.2±0.2	9.4±0.3	9.4±0.25	21.8min	8.9±0.2
EE31/36/9	30.7±0.6	18.5±0.2	9.4±0.3	9.4±0.3	21.6min	14.0±0.2
EE32/17/20	31.75±0.75	8.7±0.2	20.32±0.4	6.35±0.2	25.0min	5.53±0.25
EE32/26/8	32.1±0.8	12.9±0.2	7.65±0.35	9.2±0.3	22.7min	8.2±0.3
EE32/32/11	32.1±0.6	16.1±0.3	10.65±0.35	9.2±0.3	23.2±0.5	11.75±0.15
EE32/32/9	32.1±0.8	16.1±0.3	9.15±0.35	9.2±0.3	22.7min	11.5±0.3
EE33/28/13	33.0±0.6	14.0±0.3	$13.0^{+0}_{-0.6}$	9.7±0.3	22.8min	9.6±0.3
EE33/48/13	33.0±0.6	$24.0^{+0.5}_{-0}$	$13.0^{+0}_{-0.5}$	9.7±0.3	23.8min	$19.0^{+0.5}_{-0}$
EE34/28/13	33.8±0.5	14.1±0.2	12.8±0.2	9.7±0.2	$24.7^{+0.6}_{-0}$	9.8±0.2
EE34/45/4	33.8±0.5	22.6±0.5	3.75±0.2	$12.65^{+0.3}_{-0.2}$	20.9min	16.2±0.3
EE35/18/40	35.0±0.6	8.8±0.2	40.0±1.0	7.0±0.2	28.5±0.5	5.0±0.3
EE35/28/10	34.5±1.0	14.35±0.35	9.5±0.4	9.4±0.3	25.4min	9.7±0.3
EE35/28/12	34.4±0.5	13.9±0.3	11.8±0.4	9.2±0.3	25.4min	9.95±0.25
EE35/29/9	34.5±1.0	14.5±0.3	9.2±0.3	9.4±0.3	24.8min	9.9±0.3

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EE28/21/11	0.58	87.7	50.8	4453	3600	3730	22.7
EE28/21/11A	0.55	89.9	49.6	4458	3460	3580	22.7
EE28/21/11B	0.58	87.7	50.8	4453	3730	3800	22.7
EE28/23.5/11	0.62	87.2	54.3	4739	3410	3540	24.1
EE28/24/12	0.55	99.0	54.3	5371	3860	4000	27.3
EE28/33/8	1.24	59.3	73.7	4369	1940	2000	22.2
EE28/34/11	0.88	85.0	74.4	6327	2500	2600	32.2
EE28/35/11	0.87	87.1	75.6	6580	2600	2700	33.5
EE29/28/8	0.77	79.4	61.1	4849	2400	2900	24.7
EE30/26/11	0.53	109.0	58.5	6377	3800	4200	32.4
EE30/30/7	1.10	59.0	66.1	3901	1900	1900	19.8
EE30/58/11	1.89	67.6	127.8	8636	1280	1300	43.9
EE31/26/9	0.75	82.4	62.1	5120	2720	2820	26.0
EE31/36/9	0.99	83.9	82.8	6946	2410	2500	35.3
EE32/17/20	0.39	130.0	50.8	6590	5200	5500	33.5
EE32/26/8	0.92	70.1	61.3	4295	2300	2450	21.9
EE32/32/11	0.80	95.3	74.9	7136	3150	3150	36.3
EE32/32/9	0.89	83.2	74.3	6180	2300	2590	31.4
EE33/28/13	0.56	118.8	66.5	7902	3800	4080	40.2
EE33/48/13	0.90	118.0	106.3	12549	2600	2600	63.8
EE34/28/13	0.60	114.7	68.4	7846	3690	3830	39.9
EE34/45/4	1.97	47.5	93.5	4445	1200	1200	22.6
EE35/18/40	0.18	285.5	52.6	15016	10500	10880	76.4
EE35/28/10	0.83	84.3	69.7	5871	2700	2780	29.9
EE35/28/12	0.70	99.6	69.5	6924	3200	3290	35.2
EE35/29/9	0.84	83.6	70.3	5872	2700	2750	29.9

EE型/EE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE35/30/9	34.8±0.6	15.0±0.3	9.5±0.3	9.4±0.3	24.8min	10.0±0.3
EE35/35/10	35.0±0.6	17.5±0.3	10.0±0.3	10.0±0.3	24.5min	12.5±0.3
EE35/40/10	35.0±0.4	24.4±0.1	10.0±0.3	10.0±0.3	24.5min	18.4±0.2
EE35.6/39/10	35.6±0.5	19.6±0.2	10.0±0.2	10.5±0.2	25.2±0.4	14.25±0.2
EE36/36/11	36.0±0.5	17.8±0.2	11.25±0.25	9.95±0.25	24.5min	12.3±0.3
EE36/36/15	36.0±0.6	$18.0^{+0}_{-0.4}$	$15.2^{+0}_{-0.6}$	$10.2^{+0}_{-0.5}$	$24.5^{+1.0}_{-0}$	$12.0^{+0.6}_{-0}$
EE36/37/12	36.0±0.7	$18.6^{+0}_{-0.4}$	$12.0^{+0}_{-0.6}$	$10.2^{+0}_{-0.5}$	$24.5^{+1.2}_{-0}$	$12.7^{+0.6}_{-0}$
EE36/55/4	35.8±0.5	27.75±0.5	3.75±0.2	13.65±0.2	21.9min	20.85±0.3
EE40/35/12	40.0±0.7	17.3±0.3	$12.0^{+0}_{-0.6}$	12.0+0/-0.6	26.8min	10.3±0.3
EE40/35/12B	40.0±0.7	17.3±0.3	$12.0^{+0}_{-0.6}$	$12.0^{+0}_{-0.6}$	27.4min	10.3±0.3
EE40/45/12	$40.0^{+0.9}_{-0.5}$	22.3±0.3	$12.0^{+0}_{-0.7}$	$12.0^{+0}_{-0.7}$	26.8min	15.3±0.3
EE41/34/13	40.6±0.6	16.5±0.3	12.5±0.3	12.5±0.3	28.6min	10.5±0.3
EE42/14/33.5	42.0±0.5	7.0±0.15	33.5±0.5	14.0±0.3	29.6min	5.0±0.15
EE42/26/15	$42.0^{+1.0}_{-0.2}$	13.2±0.2	$15.0^{+0.2}_{-0.4}$	$12.2^{+0}_{-0.5}$	$29.5^{+1.2}_{-0}$	7.4±0.3
EE42/30/20	$42.0^{+1.0}_{-0.7}$	15.0±0.2	$20.0^{+0}_{-0.8}$	12.1±0.4	30.1±0.6	9.2±0.3
EE42/42/15	$42.1^{+1.0}_{-0.7}$	21.2±0.4	$15.0^{+0.2}_{-0.4}$	$12.0^{+0.2}_{-0.4}$	29.5min	$15.0^{+0.4}_{-0.1}$
EE42/42/20	$42.2^{+1.0}_{-0.7}$	21.2±0.4	$20.0^{+0.2}_{-0.5}$	$12.0^{+0.2}_{-0.4}$	29.5min	$15.0^{+0.4}_{-0.1}$
EE42/43/15	$43.0^{+0}_{-1.7}$	21.6±0.3	$15.2^{+0}_{-0.6}$	$12.2^{+0}_{-0.5}$	$29.5^{+1.4}_{-0}$	15.6±0.25
EE43/19/28	43.2±0.6	9.55±0.3	27.9±0.4	8.15±0.3	34.4min	5.7±0.3
EE50/67/15	50.0±0.7	33.35±0.35	14.6±0.4	14.6±0.4	34.0min	24.75±0.3
EE51/60/24	50.6±0.5	$30.0^{+0.3}_{-0.1}$	24.0±0.3	15.0±0.2	35.8min	$22.9^{+0.3}_{-0.1}$
EE55/55/21	55.15±1.05	27.5±0.3	$21.0^{+0}_{-0.8}$	16.95±0.35	37.5min	18.8±0.3
EE65/65/20	65.0^{+0}_{-3}	32.5±0.3	$20.0^{+0}_{-1.4}$	$20.0^{+0}_{-1.4}$	43.0min	$23.5^{+1.2}_{-0}$
EE65/65/27	65.2±1.3	32.5±0.3	$27.4^{+0}_{-1.4}$	19.65±0.35	44.2min	22.55±0.35
EE71/54/19	71.3±1.4	$27.0^{+0.6}_{-0}$	19.0±0.4	$19.5^{+0.1}_{-0.7}$	52.5min	$17.5^{+0.5}_{-0}$

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EE35/30/9	0.78	91.1	71.2	6484	2600	2970	33.0
EE35/35/10	0.72	96.9	69.4	7855	3400	3220	40.0
EE35/40/10	0.74	121.6	90.6	11016	3130	3260	56.0
EE35.6/39/10	0.84	105.1	88.3	9283	2750	2860	47.2
EE36/36/11	2.19	51.8	113.5	5880	1090	1130	29.9
EE36/36/15	0.52	157.0	81.0	12717	4200	4590	64.7
EE36/37/12	0.68	122.8	83.7	10278	3200	3500	52.3
EE36/55/4	2.19	51.8	113.5	5880	1090	1130	29.9
EE40/35/12	0.52	147.9	77.2	11414	4350	4520	58.1
EE40/35/12B	0.50	153.0	76.5	11710	4520	4690	59.6
EE40/45/12	0.66	146.3	97.2	14225	3340	3480	72.4
EE41/34/13	0.52	149.2	77.4	11551	4520	4700	58.8
EE42/14/33.5	0.21	182.0	38.8	7086	9730	10050	36.1
EE42/26/15	0.37	177.3	66.4	11763	5510	5713	59.8
EE42/30/20	0.31	240.0	75.0	22000	7420	7480	111.9
EE42/42/15	0.54	178.9	97.8	17501	4680	4860	89.0
EE42/42/20	0.41	235.0	97.4	22889	5850	6090	116.5
EE42/43/15	0.55	178.0	97.0	17300	4250	4420	88.0
EE43/19/28	0.28	220.7	62.1	13701	7200	7200	69.7
EE50/67/15	0.64	224.4	143.9	32298	3820	3980	164.3
EE51/60/24	0.39	348.6	135.9	47375	6080	6330	241.0
EE55/55/21	0.35	352.5	123.4	43478	6000	6300	221.2
EE65/65/20	0.39	378.9	147.0	58656	6320	6580	298.4
EE65/65/27	0.27	535.0	147.0	78600	9080	9460	399.9
EE71/54/19	0.38	352.1	134.8	47469	6300	6660	241.5

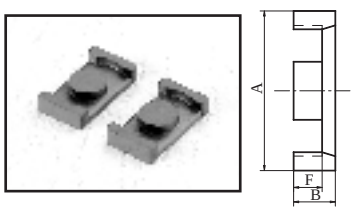


FIG.1

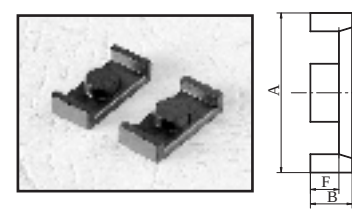


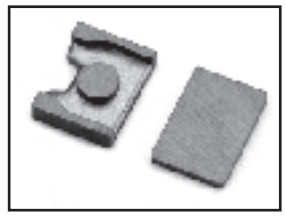
FIG.2

ER型/ER CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)						
		A	B	C	D	E	F	I
ER7.5/5/4	1	7.5±0.15	2.55±0.1	4.0±0.1	2.6±0.1	6.1±0.25	1.725±0.1	
ER9.5/5/5	1	9.35±0.15	2.45±0.05	4.9±0.1	3.4±0.1	7.4 min	1.67±0.07	7.0min
ER11/5/6	2	10.83±0.175	2.45±0.05	5.9±0.1	4.125±0.125	8.85±0.15	1.575±0.075	
ER11/5/6A	1	10.8±0.2	2.35±0.05	5.9±0.1	4.15±0.15	8.85±0.15	1.475±0.1	7.9min
ER13/6/9	1	12.8±0.3	2.85±0.075	8.7±0.25	5.0±0.15	11.2±0.3	1.75±0.06	9.05±0.3
ER14.5/6/7	2	14.5±0.2	2.95±0.1	6.7±0.1	4.7±0.1	11.8±0.2	1.65±0.1	
ER25/16/18	1	25.0±0.4	8±0.2	18.0±0.3	11.0±0.2	22.0±0.4	5.15±0.15	
ER26/17/18	1	25.9±0.5	8.5±0.15	17.6±0.25	11.2±0.2	22.2±0.5	5.8±0.2	
ER30/16/20	1	30.0±0.5	8.0±0.25	20.0±0.4	11.0±0.2	25.6min	5.3±0.2	
ER30/16/20A	1	30.0±0.5	8.3±0.25	20.0±0.4	11.0±0.2	25.6min	5.7±0.2	

ER型/ER CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25%			重量(g) Weight
					TP4	TP4A	TP4W	
ER7.5/5/4	2.10	6.0	12.8	76.9	670	600	670	0.4
ER9.5/5/5	1.67	8.5	14.2	120	900	800	890	0.6
ER11/5/6	1.23	11.9	14.7	174	870min	1110	1230	0.9
ER11/5/6A	1.10	12.6	14.1	177	870min	1200	1340	0.9
ER13/6/9	0.80	20.5	16.4	338	1760	2000	2020	1.7
ER14.5/6/7	1.08	17.6	19.0	333	1400	1430	1610	1.7
ER25/16/18	0.39	100.0	39.5	3958	5010	4400	6100	20.3
ER26/17/18	0.36	106.7	39.4	4210	4600	5610	6600	21.6
ER30/16/20	0.40	109.7	42.9	4707	4500	5170	6110	24.2
ER30/16/20A	0.40	106.4	45.2	4810	4500	5240	6210	24.7



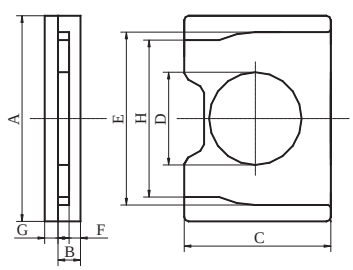
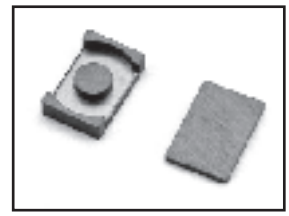


FIG.1



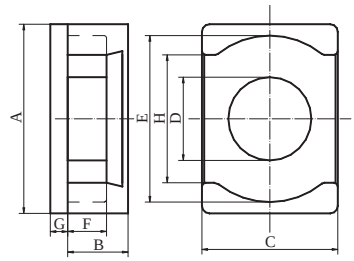
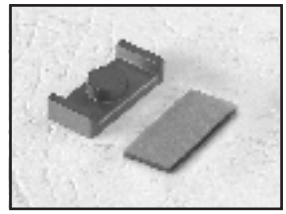


FIG.2

EIR型/EIR CORE

型号	图例	尺寸 Dimensions (mm)							
TYPE	FIG.	A	B	C	D	E	F	G	H
EIR10/4/8	1	9.9±0.15	3.2±0.1	$7.8^{+0.1}_{-0.125}$	3.7±0.1	$8.1^{+0.15}_{-0.1}$	1.05±0.075	1.05±0.075	6.5±0.15
EIR12/5/9	3	12.0±0.15	3.55±0.1	9.0±0.2	4.8±0.1	10.0±0.25	2.55±0.1	1.0±0.05	
EIR12/5/5	2	12.4±0.2	4.1±0.1	5.0±0.15	3.4±0.1	10.4min	3.1±0.1	0.9±0.1	
EIR13/4/9	2	12.8±0.3	2.85±0.075	8.7±0.25	5.0±0.15	11.2±0.3	1.75±0.125	1.1±0.1	9.05±0.3
EIR20/9/14	2	20.0±0.35	6.3±0.1	14.0±0.3	8.8±0.15	18.0±0.35	4.1±0.15	2.3±0.05	12.86±0.35
EIR25/10/18	2	25.0±0.4	8.0±0.1	18.0±0.3	11.0±0.2	22.0±0.4	5.6±0.15	2.3±0.1	
EIR28/18/11	2	28.55±0.55	14.0±0.2	11.4±0.25	9.9±0.25	21.2min	9.65±0.25	3.5±0.3	
EIR35/25/11	4	35.0±0.5	20.7±0.3	11.3±0.3	11.3±0.25	25.6min	14.7±0.3	4.6±0.2	



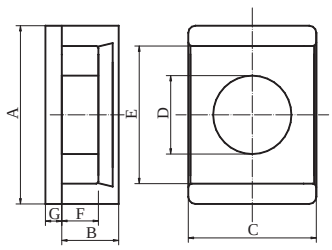
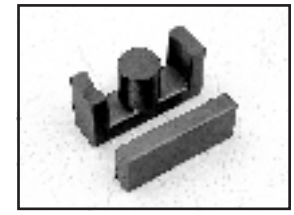


FIG.3



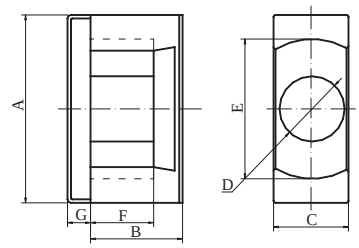


FIG.4

EIR型/EIR CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
EIR10/4/8	1.48	8.3	12.3	102	970	1030	0.5
EIR12/5/9	0.94	18.0	16.9	305	1500	1610	1.6
EIR12/5/5	1.68	9.8	16.5	162	910	1000	0.9
EIR13/4/9	0.64	20.2	13.0	264	2310	2370	1.4
EIR20/9/14	0.43	59.8	25.8	1540	4350	4580	8.2
EIR25/10/18	0.32	92.3	29.2	2699	5000	5100	14.4
EIR28/18/11	0.55	82.1	45.5	3734	3800	4120	19.9
EIR35/25/11	0.57	105.7	60.3	6378	3800	4180	34.0

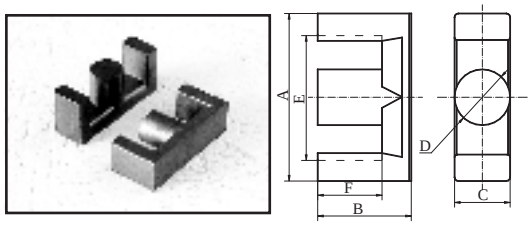


FIG.1

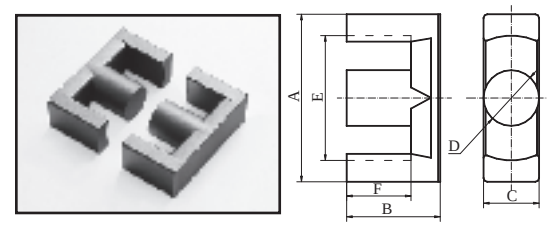
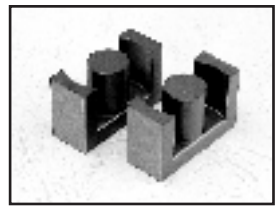


FIG.2

EER ETD型/EER ETD CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
EER16/15/5	1	16.3±0.4	7.5±0.2	5.0±0.3	$5.0^{+0.15}_{-0.3}$	11.5min	5.35±0.2
EER19/16/5	2	19.0±0.5	8.0±0.3	$5.6^{+0.2}_{-0.4}$	5.3±0.2	13.6min	5.65±0.25
EER24/18/11	3	24.0±0.6	8.9±0.15	11.0±0.3	9.5±0.2	18.5min	5.65±0.1
EER25/18/8	2	25.3±0.6	9.3±0.3	7.5±0.3	7.5±0.3	19.3min	$6.2^{+0.3}_{-0}$
EER25/18/11	2	25.0±0.3	9.05±0.15	11.0±0.15	9.5±0.15	19.5±0.3	5.8±0.15
EER25.5/18/8	2	25.5±0.5	9.3±0.3	7.5±0.3	7.5±0.3	19.6min	6.2±0.3
EER25.5/19/6	2	25.5±0.5	9.3±0.3	5.7±0.3	5.7±0.3	19.6min	6.2±0.3
EER28/9/8	2	28.0±0.35	4.65±0.15	7.5±0.15	7.5±0.15	22.25min	1.65±0.2
EER28/28/11	3	28.5±0.6	14.0±0.3	11.4±0.3	9.9±0.3	21.2min	9.6±0.3
EER28/34/11	3	28.5±0.6	16.9±0.3	11.4±0.3	9.9±0.3	21.2min	12.5±0.3
EER28/34/11A	3	28.6±0.6	16.9±0.3	11.4±0.3	9.9±0.3	21.8min	12.5±0.3
ETD29/32/10	2	29.8±0.8	15.8±0.3	9.5±0.3	9.5±0.3	22.0min	11.0±0.3
EER30/19/20	3	30.0±0.5	9.4±0.15	20.3±0.3	13.2±0.2	25.0min	6.6±0.15
EER33/34/14	3	33.0±0.6	17.3±0.3	14.0±0.25	12.5±0.25	24.7min	12.8±0.2
EER34/32/16	2	34.0±0.5	16.0±0.25	15.75±0.25	15.75±0.25	22.0min	10.8±0.3



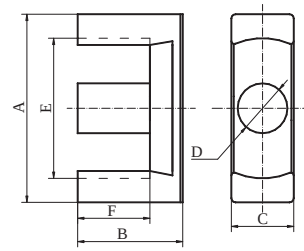


FIG.3

EER ETD型/EER ETD CORE

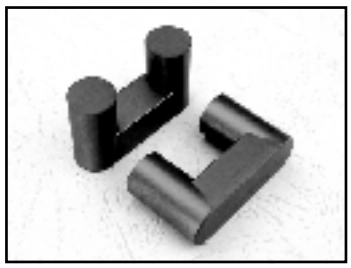
型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25% TP4	AL(nH/N^2)±25% TP4A	重量(g) Weight
EER16/15/5	1.60	21.3	34.6	735	1150	1210	3.9
EER19/16/5	1.60	24.7	39.0	967	1200	1260	5.1
EER24/18/11	0.60	72.1	41.8	3012	3310	3420	16.0
EER25/18/8	1.00	46.3	46.8	2166	1800	2120	11.5
EER25/18/11	0.60	71.3	43.0	3064	3400	3450	16.3
EER25.5/18/8	1.02	46.1	47.0	2169	1800	2070	11.6
EER25.5/19/6	1.53	31.0	47.2	1463	1410	1450	7.8
EER28/9/8	0.70	44.9	31.5	1412	2750	2800	7.5
EER28/28/11	0.79	82.1	64.0	5254	2800	2870	28.0
EER28/34/11	0.86	85.6	73.2	6266	2500	2710	33.4
EER28/34/11A	0.90	83.1	74.5	6190	2400	2590	33.0
ETD29/32/10	0.95	73.4	70.6	5196	2200	2430	27.7
EER30/19/20	0.34	139.5	46.8	6524	6100	6220	34.8
EER33/34/14	0.60	124.1	77.0	9553	3800	3910	50.9
EER34/32/16	0.35	195.0	67.6	13175	6800	6970	70.2

EER ETD型/EER ETD CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)					
		A	B	C	D	E	F
ETD34/34/11	2	34.2±0.8	17.3±0.2	10.8±0.3	10.8±0.3	25.6min	12.1±0.3
EER35/42/11	2	35.0±0.7	21.0±0.3	11.3±0.4	11.3±0.3	25.3min	15.0±0.3
EER36/43/11	2	36.0±0.7	21.6±0.4	11.3±0.4	11.3±0.3	26.5min	15.6±0.4
EER36/43/11	2	36.0±0.6	21.6±0.3	11.3±0.3	11.3±0.3	27.5min	15.6±0.3
ETD39/40/13	2	39.1±0.9	19.8±0.2	12.7±0.4	12.7±0.3	29.3min	14.6±0.4
EER40/45/13	2	40.0±0.8	22.4±0.3	13.3±0.3	13.3±0.3	29.0min	15.4±0.3
EER40/42/15	3	$40.0^{+0.8}_{-0.5}$	21.3±0.3	15.0±0.3	14.0±0.3	30.7min	15.3±0.3
EER40/46/13	2	40.0±0.7	22.9±0.3	13.3±0.3	13.3±0.3	29.5min	15.9±0.3
EER42/44/15	2	42.0±0.8	22.0±0.3	$15.2^{+0.3}_{-0.2}$	$15.2^{+0.3}_{-0.2}$	30.5min	15.4±0.3
EER42/44/15A	2	42.0±0.8	21.6±0.3	14.7±0.4	14.7±0.4	30.5min	15.9±0.3
EER42/45/15	2	42.0±0.8	22.4±0.3	15.5±0.25	15.5±0.25	29.4min	15.4±0.3
EER42/43/20	3	42.5±0.5	21.5±0.3	19.6±0.4	17.2±0.3	31.8min	15.6±0.3
EER43/45/15	2	43.0±0.8	22.4±0.3	15.5±0.4	15.5±0.3	31.0min	15.4±0.3
EER43/45/15A	2	43.0±0.8	$22.7^{+0.25}_{-0.2}$	15.5±0.4	15.5±0.3	30.7min	15.7±0.3
ETD44/45/15	2	44.0±1.0	22.3±0.3	14.8±0.4	14.8±0.4	32.5min	16.5±0.4
EER48/42/21	3	48.0±1.0	20.9±0.2	20.9±0.4	18.0±0.3	37.85±0.65	15.05±0.35
EER49/54/17	2	49.0±1.0	27.0±0.3	17.2±0.4	17.2±0.3	36.5min	18.7±0.3
ETD49/49/16	2	49.0±1.0	24.7±0.3	16.3±0.4	16.3±0.4	36.1min	18.1±0.4
EER49/52/17	2	49.0±0.8	26.2±0.3	17.0±0.5	17.0±0.5	36.1min	18.7±0.3
EER50/54/19	2	50.5±0.8	27.0±0.3	18.7±0.4	18.7±0.3	38.0min	18.7±0.3
EER53/46/22	3	53.2±0.8	23.2±0.3	21.4±0.3	19.9±0.3	38.7min	$16.5^{+0.5}_{-0.1}$
EER53.5/37/18	2	53.5±1.0	18.5±0.3	17.95±0.35	17.9±0.4	40.65±0.85	11.2±0.2
ETD54/54/19	2	54.2±1.0	27.1±0.3	18.9±0.4	18.9±0.3	40.5min	19.5±0.3
EER55/58/24	3	55.9±1.0	29.7±0.4	24.3±0.3	20.2±0.3	43.5min	21.0±0.3
EER59/62/22	2	59.8±1.4	$31.2^{+0}_{-0.4}$	$22.1^{+0}_{-0.9}$	$22.1^{+0}_{-0.9}$	43.6min	$22.1^{+0.9}_{-0}$

EER ETD型/EER ETD CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25% TP4	AL(nH/N^2)±25% TP4A	重量(g) Weight
ETD34/34/11	0.81	97.1	78.6	7632	2500	2910	40.7
EER35/42/11	0.84	107.0	90.8	9716	2600	2870	51.8
EER36/43/11	0.84	107.0	90.0	9630	2600	2870	51.3
EER36/43/11A	0.90	106.8	94.0	10046	2600	2690	53.5
ETD39/40/13	0.74	125.0	92.1	11510	2800	3260	61.3
EER40/45/13	0.60	151.6	96.2	14585	3200	4050	77.7
EER40/42/15	0.60	158.0	95.6	15100	3300	4050	80.5
EER40/46/13	0.67	149.0	100.0	14900	3000	3650	79.4
EER42/44/15	0.50	186.5	96.8	18058	3800	4860	96.2
EER42/44/15A	0.60	171.2	97.6	16712	4000	4060	89.0
EER42/45/15	0.50	203.7	96.3	19456	3600	4860	103.7
EER42/43/20	0.40	234.4	96.3	22569	5200	6080	120.2
EER43/45/15	0.50	194.0	96.8	19584	3800	4860	104.3
EER43/45/15A	0.50	194.0	98.0	19821	3800	4870	105.6
ETD44/45/15	0.60	173.0	103.0	17720	3600	4090	94.4
EER48/42/21	0.40	250.6	99.1	24839	6300	6100	132.3
EER49/54/17	0.50	240.0	118.0	27985	4200	4990	149.1
ETD49/49/16	0.53	217.6	112.2	24417	4000	4680	130.1
EER49/52/17	0.50	235.8	116.0	27375	4200	4980	145.9
EER50/54/19	0.44	277.5	117.6	32637	4400	5670	173.9
EER53/46/22	0.30	311.9	107.2	33419	5500	5880	178.1
EER53.5/37/18	0.37	250.0	91.8	23000	5600	6520	122.5
ETD54/54/19	0.45	278.9	124.6	34762	5000	5580	185.2
EER55/58/24	0.38	344.9	132.6	45653	5000	6650	243.2
EER59/62/22	0.38	368.0	139.0	51500	6120	6300	274.4



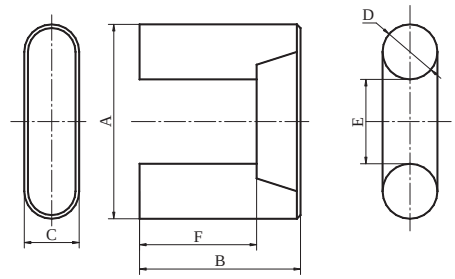
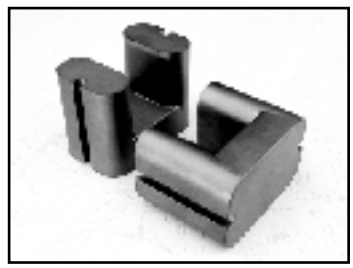


FIG.1

UY型/UY CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
UU26.5/44/8	1	26.5±0.5	22.0±0.2	7.5±0.3	7.5±0.3	11.5±0.5	16.0±0.25
UU39/35/18	1	38.6±0.6	17.25±0.3	17.6±0.4	14.3±0.3	10.0±0.4	8.15±0.3
UU47/50/12	1	46.7±1.0	25.2±0.2	12.0±0.3		21.7min	16.0±0.5
UU48/56/15	1	48.8max	28.0±0.3		15.0±0.25	16.75min	16.0±0.3
UU52.5/80/32	2	52.5±1.0	40.0±0.3	32.0±0.6	16.0±0.3		25.5±0.5
		G: 4.4±0.2	H: 43.5±0.8				



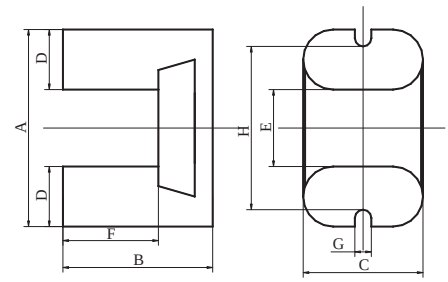
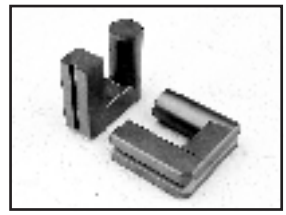


FIG.2

UY型/UY CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TP4	AL±25%(nH/N^2) TP4A	重量(g) Weight
UU26.5/44/8	2.44	44.4	108.2	4807	970	1010	24.5
UU39/35/18	0.62	160.5	99.3	15938	3780	3940	81.1
UU47/50/12	1.28	112.0	143.0	16016	1910	1990	81.5
UU48/56/15	0.67	208.8	139.3	29094	3000	3790	148.0
UU52.5/80/32	0.43	445.8	190.8	85059	5820	6070	432.8



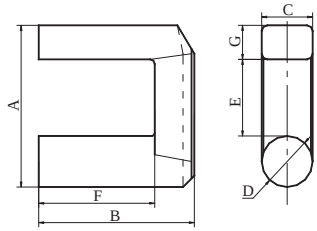


FIG.1

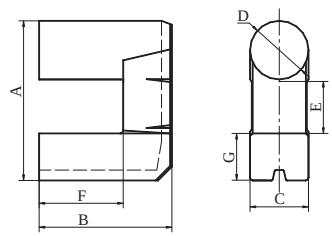


FIG.2

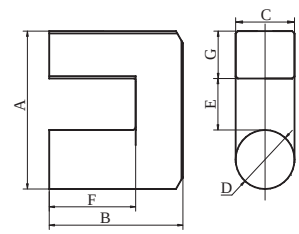


FIG.3

UYF型/UYF CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm) A	B	C	D	E	F	G
UYF29/56/9	1	28.5±0.4	27.5±0.3	$9.0^{+0.5}_{-0.3}$	9.0±0.3	13.2min	20.5±0.3	
UYF30/60/10	2	30.4±0.5	30.0±0.3	$10.0^{+0.4}_{-0.3}$	10.0±0.3	11.7min	21.6±0.3	8.15±0.3
UYF32/43/11.65	5	32.0±0.6	21.65±0.3	11.65±0.2	11.65±0.2	11min	12.65±0.25	9.0±0.25
UYF32/61/11	3	31.5±0.4	30.5±0.3	11.0±0.3	11.0±0.3	12.6min	20.5±0.3	7.5±0.3
UYF33/45/10	2	33.0±0.5	22.3±0.3	9.8±0.4		12.0min	14.5±0.3	9.0±0.4
UYF33/57/11	4	32.5±0.5	28.5±0.3	$11.0^{+0.4}_{-0.3}$	11.0±0.3	12.2min	19.5±0.3	9.0±0.3
		H:10.8±0.3						
UYF34/61/11	2	$34.0^{+0.7}_{-0.3}$	30.5±0.3	$11.0^{+0.5}_{-0.3}$	11.0±0.3	14.2min	21.5±0.3	8.2±0.3
UYF34/61/13	3	33.5±0.3	30.5±0.3	13.0±0.2	13.0±0.2	11.5min	20.5±0.3	8.5±0.1
UYF35/56/13	2	35.4±0.4	28.1±0.3	13.0±0.3	13.0±0.30	12.0min	18.1±0.3	
UYF35/58/11.5	2	34.5±0.6	29.2±0.3	11.5±0.2	11.5±0.2	13.0min	19.2±0.2	
UYF35/65/12.5	2	35.0±0.5	32.3±0.3	$12.5^{+0.5}_{-0.3}$	12.5±0.3	13.5min	22.3±0.3	8.5±0.3
UYF35/65/12.7	4	35.2±0.6	32.5±0.25	12.7±0.3	12.7±0.3	13.1min	23.0±0.2	9.3±0.2
		H:12.2±0.2						
UYF36/59/11	4	35.5±0.5	29.3±0.3	11.0±0.3	10.8±0.3	15.2min	20.3±0.3	
UYF36/66/11.5	2	35.5±0.6	32.5±0.3	11.5±0.3	11.5±0.2	14.0min	22.5±0.2	
UYF36/68/13	2	35.6±0.5	34.0±0.3	13.0±0.3	13.0±0.3	12.0min	24.0±0.3	10.0±0.3
UYF37/57/13	1	37.4±0.4	28.5±0.2	13.0±0.3	13.0±0.3	15.1min	18.6±0.2	8.5±0.25
UYF37/65/11.5	2	37.1±0.5	32.6±0.3	$11.5^{+0.5}_{-0.3}$	11.5±0.3	14.85min	22.8±0.3	10.25±0.3

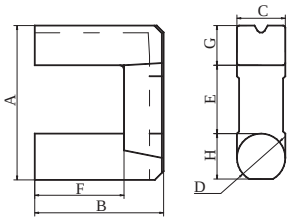
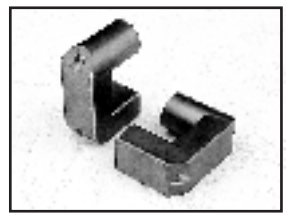


FIG.4



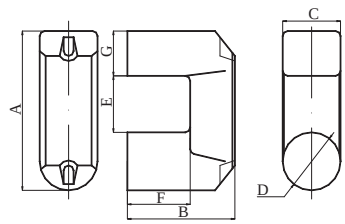
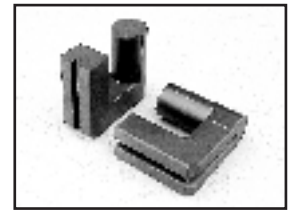


FIG.5



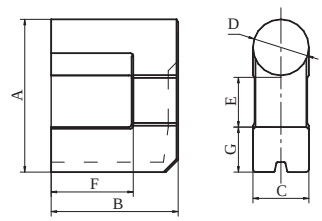


FIG.6

UYF型/UYF CORE

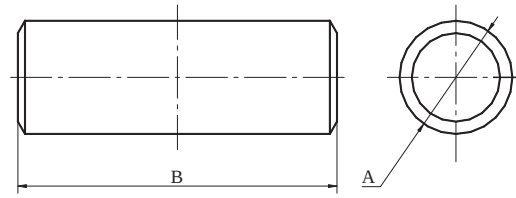
型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TF3	重量(g) Weight
UYF29/56/9	2.20	59.4	131.2	7800	1100	39.7
UYF30/60/10	1.85	75.9	136.8	10388	1320	52.9
UYF32/43/11.65	1.00	104.0	103.6	10774	2360	54.8
UYF32/61/11	1.50	93.1	136.8	12739	1620	64.8
UYF33/45/10	1.50	74.0	111.6	8241	1590	41.9
UYF33/57/11	1.40	92.9	131.4	12217	1730	41.9
UYF34/61/11	1.60	88.8	143.0	12698	1530	64.6
UYF34/61/13	1.20	116.4	135.9	15825	2030	80.5
UYF35/56/13	1.00	125.4	129.7	16264	2420	82.7
UYF35/58/11.5	1.30	103.5	134.8	13948	1870	71.0
UYF35/65/12.5	1.27	116.6	148.7	17330	1930	88.2
UYF35/65/12.7	1.30	120.0	150.0	18102	1890	88.2
UYF36/59/11	1.50	92.3	140.7	12989	1630	66.1
UYF36/66/11.5	1.40	103.8	149.9	15562	1750	79.2
UYF36/68/13	1.19	132.0	154.0	19866	2070	101.1
UYF37/57/13	1.20	117.7	135.7	15972	2030	81.3
UYF37/65/11.5	1.40	106.8	154.3	16475	1760	83.8

UYF型/UYF CORE

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)						
		A	B	C	D	E	F	G
UYF37/70/12	6	37.0±0.6	35.0±0.3	12.0±0.3	12.0±0.3	15.8min	25.0±0.3	8.4±0.3
UYF38/65/13	6	38.3±0.5	32.5±0.2	$13.0^{+0.45}_{-0.3}$	13.0±0.3	14.1min	22.0±0.2	10.6±0.3
UYF38/67/13	2	$37.8^{+1.0}_{-0.5}$	33.6±0.3	13.0±0.3	13.0±0.3	13.6min	23.0±0.3	10.7±0.2
UYF38/67/14	2	37.5±0.5	33.5±0.3	14.0±0.2	14.0±0.3	12.5min	22.0±0.3	
UYF39/66/13.5	6	38.75±0.5	33.0±0.3	$13.5^{+0.5}_{-0.3}$	13.5±0.3	14.25min	22.0±0.3	10.5±0.3
UYF39/68/14	6	38.5±0.5	34.3±0.3	14.0±0.3	14.0±0.3	13.8min	$23.4^{+0.4}_{-0}$	10.4±0.4
UYF39/73/14	6	38.9±0.6	36.5±0.3	$14.0^{+0.5}_{-0.3}$	14.0±0.3	12.95min	25.5±0.3	11.3±0.3
UYF40/68/14	6	39.5±0.5	34.3±0.3	14.0±0.3	14.0±0.3	13.8min	23.4±0.3	10.4±0.3
UYF40/69/12	6	39.75±0.5	34.5±0.25	12.0±0.3	12.0±0.3	18.25min	25.5±0.25	9.0±0.3
UYF40/70/14	6	40.0±0.6	35.0±0.3	14.0±0.3	14.0±0.3	15.0min	23.9±0.3	10.5±0.3
UYF41/69/14.5	2	40.8±0.5	34.5±0.3	$14.5^{+0.5}_{-0.3}$	14.5±0.3	13.8min	22.5±0.3	12.0±0.3
UYF42/73/15	6	42.2±0.85	36.3±0.3	15.1±0.3	15.0±0.3	14.5min	24.3±0.4	12.0±0.3
UYF42/74/16	2	41.9±0.6	37.0±0.2	16.0±0.3	16.0±0.3	13.8min	24.9±0.2	
UYF42/75/15	6	42.0±0.6	37.5±0.3	15.0±0.2	15.0±0.2	14.5min	25.5±0.2	
UYF42/77/15.2	2	42.2±0.6	38.6±0.3	$15.2^{+0.5}_{-0.3}$	15.2±0.3	14.5min	26.5±0.3	12.0±0.3
UYF43/63/14	6	42.75±0.6	31.5±0.3	14.0±0.3	14.0±0.3	16.65min	20.0±0.3	11.5±0.3
UYF43/69/14.5	2	43.0max	34.5±0.2	14.5±0.2	14.5±0.2	15.8min	22.5±0.2	
UYF43/70/16.5	6	43.4±0.5	35.2±0.3	16.5±0.3	16.5±0.3	13.7min	22.2±0.3	
UYF43/75/15	2	42.8±0.5	37.55±0.3	$15.0^{+0.5}_{-0.3}$	15.0±0.3	15.5min	25.55±0.3	11.8±0.3
UYF43/78/16	6	43.0±0.6	38.9±0.3	$16.0^{+0.2}_{-0.4}$	$16.0^{+0.2}_{-0.4}$	14.6min	26.0±0.3	11.9±0.4
UYF44/70/14	2	44.1±0.6	35.2±0.3	$14.0^{+0.5}_{-0.3}$	14.0±0.3	18.5min	24.0±0.3	
UYF46/73/15	6	46.0±0.6	36.65±0.3	$15.0^{+0.4}_{-0.3}$	15.0±0.3	18.4min	24.55±0.3	
UYF46/77/17	2	46.0±0.6	38.5±0.3	16.7±0.3	16.7±0.3	16.0min	25.5±0.3	
UYF47/77/17	6	46.5±0.8	38.7±0.3	16.7±0.3	16.7±0.3	16.0min	25.7±0.3	13.5±0.3
UYF48/78/16	6	48.0±0.5	39.0±0.3		16.0±0.3	18.0min	25.7±0.3	
UYF49/80/16	6	48.5±0.5	40.0±0.25	$16.0^{+0.5}_{-0.3}$	16.0±0.3	18.9min	26.7±0.25	13.0±0.3
UYF49/80/18	2	48.5±0.6	39.8±0.3	18.0±0.4	18.0±0.4	15.5min	25.0±0.3	14.5±0.4
UYF51/82/17	6	50.65±0.6	41.0±0.3	$16.7^{+0.5}_{-0.3}$	16.7±0.3	19.55min	27.0±0.3	13.8±0.3

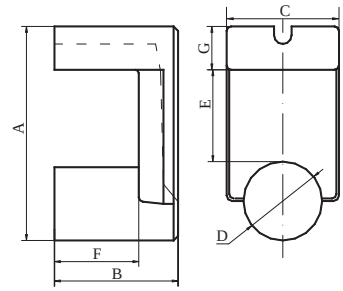
UYF型/UYF CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±25%(nH/N^2) TF3	重量(g) Weight
UYF37/70/12	1.60	103.4	162.4	16795	1550	85.5
UYF38/65/13	1.10	131.0	154.0	20174	2240	102.6
UYF38/67/13	1.14	136.4	155.9	21257	2160	108.2
UYF38/67/14	1.00	149.0	151.0	22498	2460	114.5
UYF39/66/13.5	1.10	140.3	152.3	21373	2240	108.7
UYF39/68/14	1.10	144.1	157.2	22654	2240	115.3
UYF39/73/14	1.07	155.4	166.2	25838	2320	131.5
UYF40/68/14	1.10	144.9	158.8	23005	2240	117.0
UYF40/69/12	1.55	109.7	170.1	18652	1600	94.9
UYF40/70/14	1.07	151.8	162.2	24623	2310	125.3
UYF41/69/14.5	1.00	165.7	160.7	26628	2470	135.5
UYF42/73/15	1.00	170.1	168.1	28597	2480	145.5
UYF42/74/16	0.90	186.0	168.9	31419	2760	159.9
UYF42/75/15	1.00	173.1	171.2	29632	2480	150.8
UYF42/77/15.2	1.00	177.5	176.2	31276	2490	159.1
UYF43/63/14	1.00	153.9	152.6	23860	2460	121.4
UYF43/69/14.5	1.00	165.7	161.3	26725	2470	136.0
UYF43/70/16.5	0.75	213.1	160.6	34234	3290	174.2
UYF43/75/15	0.99	172.5	174.0	30015	2510	152.7
UYF43/78/16A	0.88	198.5	175.2	34777	2830	176.9
UYF44/70/14	1.10	150.9	170.2	25689	2260	130.7
UYF46/73/15	1.00	171.1	174.4	28460	2490	144.8
UYF46/77/17	0.80	213.6	177.2	37857	3110	192.6
UYF47/77/17	0.81	220.6	178.9	39460	3080	200.8
UYF48/78/16	0.76	201.0	176.1	35396	3280	180.1
UYF49/80/16	0.90	199.7	189.5	37833	2780	192.5
UYF49/80/18	0.70	255.2	179.8	45872	3560	233.4
UYF51/82/17	0.90	211.3	196.4	41499	2790	211.1



AR型/AR CORE

型号 TYPE	尺寸 Dimensions (mm) A	B	重量(g) Weight
AR15/4	15.0±0.4	4.0±0.2	0.9
AR20/4	20.0±0.4	4.0±0.2	1.2
AR20/6	20.0±0.5	$6.0^{+0.2}_{-0.1}$	2.8
AR22/4	22.0±0.4	4.0±0.15	1.3
AR22.4/8	22.48±0.38	7.95±0.13	5.4
AR30/13.7	30.0±0.5	13.7±0.3	21.2



URS型/URS CORE

型号 TYPE	尺寸 Dimensions(mm) A	B	C	D	E	F	G
URS17	16.8±0.2	7.1±0.2	7.0±0.2	5.0±0.2	9.0±0.2	4.3±0.15	2.8±0.2
URS18	18.0±0.5	11.0±0.3	11.0±0.3	7.5±0.2	6.15min	7.5±0.3	4.0±0.2
URS18.5	18.5±0.5	11.4±0.3	10.0±0.3	7.0±0.3	7.0min	7.4±0.3	
URS19.8	19.85±0.4	11.8±0.2	13.05±0.3	8.0±0.15	8.85±0.4	8.6±0.2	
URS25	25.25±0.4	10.0±0.2	19.8±0.3	9.5±0.2	12.0min	$6.5^{+0.3}_{-0.2}$	
URS28	27.8±0.4	21.2±0.2	13.6±0.3	11.2±0.3	9.0±0.4	13.3±0.3	7.5±0.3

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL(nH/N^2)±25% TP4	重量(g) Weight
URS17	2.33	19.6	45.7	897	800	4.9
URS18	1.35	42.0	56.6	2375	1500	13.1
URS18.5	1.48	39.5	58.5	2310	1200	12.8
URS19.8	1.52	43.0	65.2	2800	1200	15.5
URS25	0.95	69.0	65.6	4542	2000	25.1
URS28	0.96	102.4	98.2	10052	2200	55.5

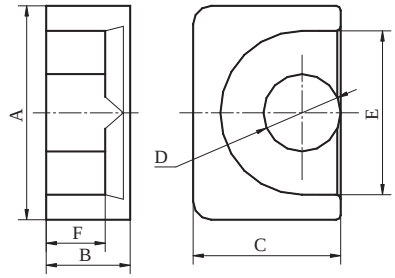
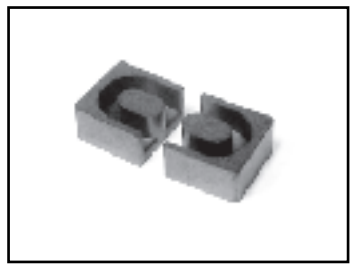


FIG.1

EP型/EP CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
EP6/5/4	1	$6.15^{+0}_{-0.3}$	$2.85^{+0}_{-0.1}$	$3.9^{+0}_{-0.25}$	$1.8^{+0}_{-0.15}$	$4.3^{+0.25}_{-0}$	$1.9^{+0.2}_{-0}$
EP9/7/6	1	9.2±0.2	3.7±0.15	6.4±0.2	3.35±0.15	7.2min	2.4min
EP9/7/9	2	9.2±0.2	3.7±0.05	8.8±0.2	3.3±0.10	7.2min	2.3min
		H:2.3±0.2					
EP12/10/8	1	11.5±0.3	5.1±0.2	$7.9^{+0}_{-0.4}$	3.3±0.2	9.2min	3.5min
EP13/13/9	1	12.5±0.3	6.5±0.3	8.8±0.2	4.4±0.2	9.7min	4.5min
EP18/17/11	1	18.1±0.4	8.4±0.4	$11.3^{+0}_{-0.6}$	$5.9^{+0}_{-0.4}$	12.0±0.4	$5.5^{+0.4}_{-0}$



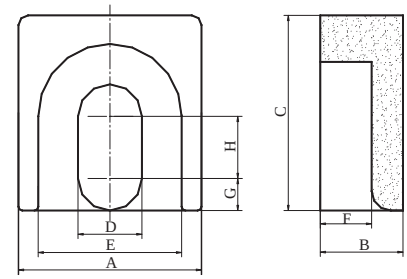


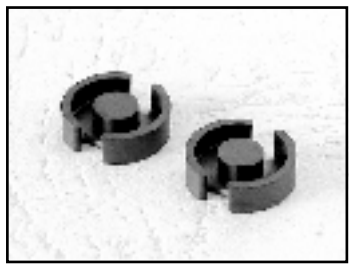
FIG.2

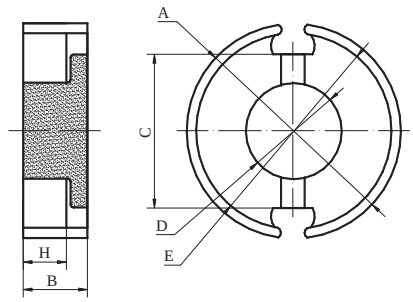
EP型/EP CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±30%(nH/N^2)			重量(g) Weight
					TS5	TS7	TS10min	
EP6/5/4	3.15	3.1	9.7	30.7	*800	*1200	*1400	0.4
EP9/7/6	1.29	11.1	14.2	158	1400	*2800	*2900	1.4
EP9/7/9	0.87	18.0	15.6	282	2200	2400	2450	2.1
EP12/10/8	1.70	11.3	19.2	218	*1920	*2680	*2880	2.9
EP13/13/9	1.31	20.0	26.1	522	2000	*3360	*3920	4.5
EP18/17/11	0.84	33.9	28.5	966	3300	3800	*6400	12.0

注：*— —镜面磨削

Remark：*— —mirror grinding

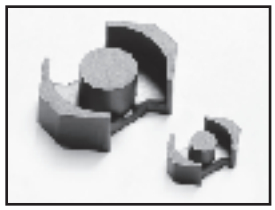




P型/P CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	H
P9/5	9.15±0.15	2.65±0.05	5.65±0.15	3.8±0.1	$7.625^{+0.125}_{-0.1}$	2.1±0.3
P11/7	11.1±0.2	3.3±0.075	6.8±0.25	4.6±0.1	$9.2^{+0.2}_{-0.1}$	2.2±0.3
P14/8	14.0±0.3	4.2±0.2		5.9±0.2	11.8±0.4	3.3±0.6

型号	C1	Ae	Le	Ve	AL(nH/N^2)±30%			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10 min	Weight
P9/5	1.14	11.7	13.3	156	1500	1600	1650	0.9
P11/7	0.85	19.0	16.2	309	2300	2550	2550	1.7
P14/8	0.79	25.1	19.8	495	2900	3200	3200	2.8



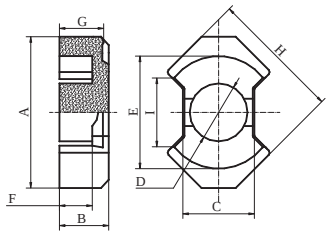


FIG.1

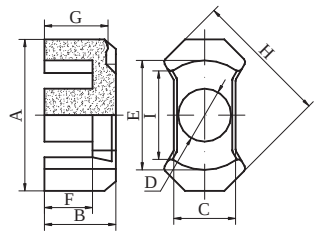
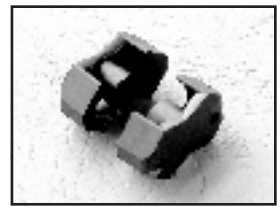


FIG.2



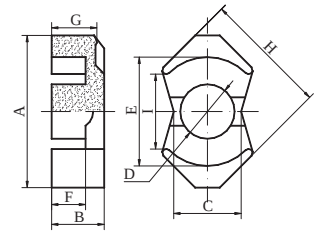
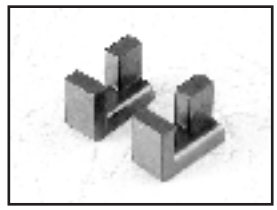


FIG.3

RM型/RM CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
RM4	2	10.8±0.2	5.2±0.05		3.7±0.2	8.0min	3.65±0.15
RM5	1	14.3±0.3	5.2±0.1	6.6±0.2	4.8±0.1	10.4±0.2	3.15min
RM6	3	$17.9^{+0}_{-0.6}$	6.25±0.2		6.3±0.1	$12.4^{+0.5}_{-0}$	4.0min
RM8	1	$23.2^{+0}_{-0.9}$	8.25±0.1	$11.0^{+0}_{-0.4}$	$8.6^{+0}_{-0.35}$	$17.0^{+0.6}_{-0}$	5.4min
RM10	1	27.85±0.65	9.3±0.05	12.0±1.5	10.7±0.2	21.65±0.45	6.35±0.15

型号	C1	Ae	Amin	Le	Ve	AL±30%(nH/N^2)			重量(g)
TYPE	(mm^1)	(mm^2)	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
RM4	1.62	13.9	11.3	22.5	313	1500	1700	1700	1.6
RM5	0.84	24.7	18.1	20.7	512	2200	3000	3100	2.9
RM6	1.16	25.6	31.2	29.7	760	2450	4950	2850	4.3
RM8	0.66	61.6	55.8	40.4	2488	8750min	5900	6000	12.2
RM10	0.43	104.9	89.9	44.8	4695	7490min	9600	9770	21.9



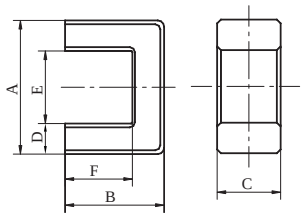


FIG.1

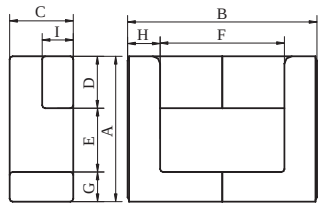


FIG.2

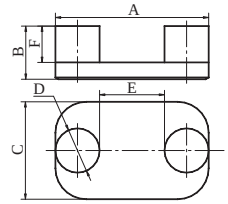
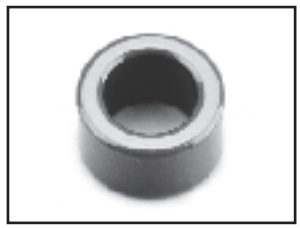


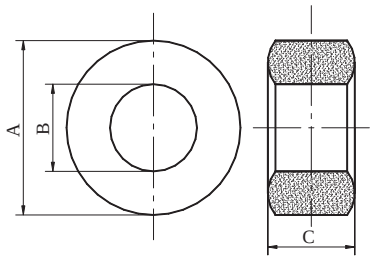
FIG.3

UF UY型/UF UY CORE

型号	图例	尺寸 Dimensions (mm)					
TYPE	FIG.	A	B	C	D	E	F
UF8.6/13/4	1	8.6±0.2	6.45±0.2	3.6±0.2	2.2±0.15	4.0min	4.2±0.2
UF9.8/13/4	2	9.8±0.2	12.8±0.2	$4.1^{+0}_{-0.4}$	3.6±0.15	4.2±0.15	8.4±0.2
UF9.8/14/3	1	9.8±0.3	7.1±0.2	2.9±0.2		4.1min	4.3±0.2
UF10.5/16/5	1	10.5±0.3	7.8±0.3	5.0±0.3		5.2min	5.3±0.3
UF16/20/6	1	16.0±0.4	10.0±0.3	6.0±0.3		6.7min	6.0±0.3
UY17/12/11	3	17.35±0.3	6.0±0.15	11.0±0.15	5.0±0.1	7.35±0.3	4.1±0.1
UY24.5/21/14	3	24.54±0.4	10.5±0.15	14.0±0.2	8.5±0.2	7.54±0.2	6.5±0.2
UF25/28/7	1	25.0±0.4	14.0±0.2	7.0±0.3		11.0±0.4	7.0±0.3

型号	C1	Ae	Le	Ve	AL±30%(nH/N^2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
UF8.6/13/4	4.03	8.0	32.2	257	650	850	1200	1.3
UF9.8/13/4	4.10	7.8	32.2	252	730	1050	850	1.3
UF9.8/14/3	4.36	7.9	34.6	275	1000	1100min	1450	1.4
UF10.5/16/5	3.20	12.5	40.1	501	1042	1600min	1650	2.6
UF16/20/6	2.01	25.5	51.4	1310	1848	3900	2240	6.8
UY17/12/11	1.29	27.6	35.6	982	2450	2823	2900	4.8
UY24.5/21/14	1.08	56.4	60.7	3427	3680	4432	4000	19.9
UF25/28/7	0.93	65.2	60.9	3971	3200	5100	5250	20.6





T型/T CORE

型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL±30%(nH/N2)			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
T2.5*1.3*1.3	2.54±0.3	1.27±0.3	1.27±0.3	7.14	0.8	5.5	4.3	880	1320	1760	0.02
T3.05*1.27*1.27	3.05±0.2	1.27±0.2	1.27±0.2	5.60	1.1	6.0	6.4	1100	1500	1550	0.03
T3.05*1.27*2.54	3.05±0.13	1.27±0.13	2.54±0.13	2.87	2.1	6.0	12.5	2150	2950	3050	0.07
T3.7*1.7*2	3.76±0.20	1.7±0.20	2.01±0.20	3.90	2.0	7.7	15.2	1180min	1770min	2370	0.09
T4*2*1	3.5±0.3	1.8±0.3	1.3±0.3	7.50	1.0	7.7	8.0	830	1100	1120	0.04
T4*2*2	3.5±0.3	1.78±0.3	1.78±0.3	5.20	1.5	7.7	11.3	1060min	1630	1610	0.06
T6*3*2	6.0±0.3	3.0±0.3	2.0±0.3	4.50	2.9	13.1	37.7	1400	1600min	1950	0.20
T6*3*3	6.0±0.3	3.0±0.3	3.0±0.3	3.00	4.3	13.1	56.5	1600min	2800	3200	0.30
T6*3*4	6.0±0.3	3.0±0.3	4.0±0.3	2.24	5.8	13.0	75.3	2775	3800	4260	0.45
T6.3*3.8*2.5	6.3±0.3	3.8±0.3	2.5±0.3	4.97	3.1	15.2	46.5	1300	1700	1750	0.27
T7*4*2	7.0±0.3	4.0±0.3	2.0±0.3	5.60	2.9	16.4	48.0	1260	1570	1550	0.25
T7*4*4	7.0±0.3	4.0±0.3	4.0±0.3	2.80	5.8	16.4	95.9	2200	3000	4370	0.50
T7*4.3*2.2	7.0±0.4	4.3±0.4	2.2±0.3	5.90	2.9	17.1	49.7	1050	1450	1500	0.26
T8*4*3	8.0±0.3	4.0±0.3	3.0±0.3	3.02	5.8	17.4	100	1690min	2800	2900	0.53
T8*4*4	8.0±0.3	4.0±0.3	4.0±0.3	2.30	7.7	17.4	134	2130min	3700	3800	0.70
T8*5*3	8.0±0.3	5.0±0.3	3.0±0.3	4.50	4.4	19.7	87.0	1200min	1900	1950	0.46
T9*5*3	9.0±0.3	4.7min	3.0±0.3	3.60	5.8	20.8	121	1192min	2500min	3760	0.63
T9*5*4	9.0±0.3	4.7min	4.0±0.25	2.70	7.8	20.8	162	1828min	1800min	3660	0.85
T9*5*5	9.0±0.3	4.7min	5.0±0.3	2.10	9.7	20.8	202	2285min	4050	4200	1.1
T9*5*7	9.0±0.25	5.0±0.25	7±0.18	1.50	13.6	20.8	283	4150	5650	5850	1.5
T9.5*5.1*19.1	9.5±0.25	5.1±0.25	19.05±0.38	0.53	40.6	21.5	873	11700	16000	16500	4.6
T9.5*5.6*7.1	9.53±0.2	5.59±0.15	7.11±0.18	1.66	13.7	22.7	310	3750	5100	5300	1.6
T9.53*4.75*3.2	9.53±0.3	4.75±0.3	3.2±0.3	2.82	7.4	20.7	152	2200	3120	3100	0.80
T9.53*4.75*4.7	9.53±0.3	4.75±0.3	4.7±0.3	0.92	10.8	20.7	224	6761	9220	5030	1.2

T型/T CORE

型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL±30%(nH/N2)			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
T9.53*4.75*4.9	9.53±0.3	4.75±0.3	4.9±0.3	1.84	11.3	20.7	233	3400	4600	4800	1.2
T10*5*3	9.52±0.25	4.75±0.13	3.17±0.25	2.90	7.2	20.8	151	2150	2900	3000	0.8
T10*5*4	10.0±0.38	5.0±0.38	4.0±0.13	2.27	9.6	21.8	209	2750	3750	3850	1.1
T10*5*5	10.0±0.4	5.0±0.4	5.0±0.3	1.80	12.0	21.8	262	3450	4700	4900	1.4
T10*5*6.5	9.53±0.2	4.75±0.3	6.35±0.3	1.40	14.6	20.7	302	4450	6050	6300	1.6
T10*6*3	10.0±0.3	6.0±0.3	3.0±0.3	4.10	5.9	24.1	141	1500	2050	2150	0.7
T10*6*4	10.0±0.4	6.0±0.4	4.0±0.3	3.10	7.8	24.1	183	1600min	2000min	3200	1.0
T10*6*5	10.0±0.4	6.0±0.4	5.0±0.3	2.46	9.8	24.1	236	2000min	3000min	4000	1.2
T10*6*6	10.0±0.4	6.0±0.4	6.0±0.3	2.05	11.7	24.1	283	3050	4150	4300	1.5
T11*7*3	10.99±0.25	6.83±0.25	2.97±0.25	4.45	6.1	27.0	164	1400	1900	1950	0.9
T11*7*7	11.12±0.25	7.11±0.25	7.09±0.25	2.00	13.8	27.3	376	3100	4250	4400	2.0
T12*6*4	12.0±0.4	6.0±0.4	4.0±0.3	2.30	11.5	26.1	301	2700	3200min	4300	1.6
T12.5*7.5*5	12.7max	7.5min	5.0max	2.62	11.6	30.5	355	2350	3050	3350	1.9
T12.55*8.15*6.38	12.55±0.25	8.15±0.15	6.38±0.18	2.30	13.8	31.5	436	2700	3680	3800	2.3
T12.7*7.14*4.7	12.7±0.4	7.14±0.4	4.7±0.3	2.30	12.7	29.5	375	2700	3680	3800	2.0
T12.7*7.14*6.35	12.7±0.25	7.14±0.15	6.35±0.18	1.70	17.2	29.5	507	3650	5000	5200	2.7
T12.7*7.8*5	12.7±0.4	7.8±0.4	5.0±0.3	2.65	12.0	31.0	372	1910min	3090min	3300	1.9
T12.7*7.8*6.4	12.7±0.4	7.8±0.4	6.35±0.3	2.01	15.4	31.0	476	3100	4200	4350	2.5
T12.7*7.9*3.2	12.7±0.4	7.5min	3.2±0.3	4.14	7.5	31.2	235	1500	2050	2100	1.2
T12.7*7.9*5	12.7±0.4	7.9±0.4	5.0±0.3	2.65	11.8	31.2	367	2350	3200	3300	1.9
T12.7*7.9*6.35	12.7±0.4	7.6min	6.35±0.3	1.90	15.8	30.5	484	3250	4464	5500	2.5
T12.7*7.92*3.18	12.7±0.4	7.8±0.3	3.18±0.3	4.05	7.6	31.0	237	1500min	2100	2150	1.2
T12.7*7.92*3.96	12.7±0.25	$7.92^{+0.25}_{-0.1}$	3.96±0.13	2.09	14.9	31.2	465	2950	4050	4200	2.4
T12.7*7.92*5	12.7±0.4	7.92±0.4	4.7±0.3	2.80	11.0	31.2	344	2600min	3000	3150	1.8
T12.7*7.92*6.35	12.7±0.4	7.92±0.4	6.35±0.4	2.10	14.9	31.2	465	2950	3520min	4710	2.4
T12.7*7.92*7	12.7±0.4	7.92±0.3	7.0±0.3	1.90	16.4	31.2	513	3250	4450	4650	2.7
T12.7*7.95*6.35	$12.7^{+0.2}_{-0.35}$	7.95±0.3	6.35±0.3	2.10	14.8	31.3	463	2950	4050	4200	2.4
T12.7*8*4	12.7±0.3	8.3±0.3	3.5±0.2	3.40	9.3	31.2	290	1830	2500	2600	1.5
T12.7*8*5	12.7±0.3	8.3±0.3	4.6±0.2	2.65	12.0	31.0	372	2350	3200	3300	1.9
T12.8*7.35*4	12.8±0.4	7.35±0.4	4.0±0.3	2.80	10.6	30.1	320	2200	3000	3150	1.7
T13*7*3	13.0±0.5	7.2±0.3	3.0+0/-0.3	3.40	8.7	29.5	257	1850	2500	2600	1.3
T13.2*7.4*3.2	13.21±0.25	7.37±0.18	3.18±0.13	3.40	9.0	30.6	276	1850	2500	2600	1.4
T13.2*7.4*6.1	13.21±0.38	7.37±0.38	6.05±0.18	1.78	17.2	30.6	525	3500	4750	4950	2.8

T型/T CORE

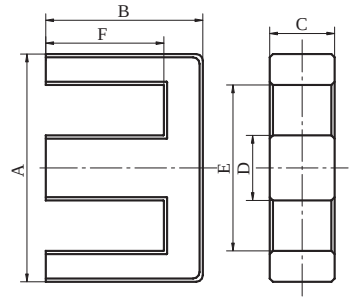
型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL±30%(nH/N2)			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
T13.21*7.37*3.96	13.21±0.25	7.37±0.15	3.96±0.13	2.30	12.9	29.5	381	2700	3680	3800	2.0
T13.3*8.5*5	13.3±0.5	8.5±0.4	5.0±0.3	2.80	11.8	33.0	391	2650	3000	3700	2.0
T14*7*5	14.0±0.5	7.0±0.5	5.0±0.3	1.81	16.8	30.5	513	3450	5000	5360	2.7
T14*7*7.5	14.0±0.38	7.0±0.38	7.5±0.18	1.20	25.2	30.5	769	5180	7050	7300	4.0
T14*8*4	14.0±0.3	8.0±0.3	4.0±0.3	2.80	11.7	32.8	384	2200	3000	3150	2.0
T14*8*7	14.0±0.4	8.0±0.4	7.0±0.3	1.60	20.5	32.8	672	3850	5300	5500	3.5
T14*8*9	14.0±0.5	8.0±0.5	9.0±0.5	1.20	26.3	32.8	863	5180	7050	7350	4.5
T14*9*4	14±0.38	8.99±0.38	3.99±0.13	3.56	9.8	35.0	344	1750	2380	2500	1.8
T14*9*5	14.0±0.4	9.0±0.3	5.0±0.3	2.80	12.3	35.0	430	2200	3050	3148	2.3
T14.3*6.4*13.5	14.27±0.25	6.35±0.25	13.46±0.25	0.58	50.5	29.1	1469	10500	14500	15200	7.7
T14.3*6.4*28.6	14.27±0.25	6.35±0.25	28.58±0.51	0.23	107.2	29.1	3120	27050	36800	38200	16.4
T15.9*7.9*28.6	15.88±0.38	7.87±0.38	28.58±0.51	0.31	109.9	34.4	3781	20000	27300	28400	19.8
T15.9*8.9*4.7	15.88±0.4	8.89±0.3	4.7±0.3	2.30	16.0	36.8	588	2700	3700	3800	3.1
T15.9*11*6	15.9±0.38	10.57±0.38	6.07±0.38	2.54	16.0	40.5	645	2450	3350	3450	3.4
T16*8*8	16.0±0.5	8.0±0.5	8.0±0.3	1.10	30.7	34.8	1071	5650	7700	8000	5.6
T16*9*5	16.0±0.5	9.0±0.5	5.0±0.3	2.20	17.0	37.2	633	3000min	3850	3000	3.3
T16*9*8	16.0±0.5	9.0±0.5	8.0±0.3	1.37	27.2	37.2	1013	4300	6200	7100	5.3
T16*9.5*8	16.0±0.5	9.5±0.5	8.0±0.3	1.51	25.4	38.3	974	4100	5710	8150	5.1
T16*9.5*9	16.0±0.5	9.5±0.5	9.0±0.4	1.34	28.6	38.3	1095	4650	6300	6550	5.7
T16*9.6*6.1	16.0±0.5	9.6±0.5	6.1±0.3	2.00	19.7	38.5	760	3100	4250	4400	4.0
T16*9.6*6.3	16.0±0.4	9.6±0.4	6.3±0.3	1.95	19.7	38.5	760	2520min	4410	5470	4.0
T16*9.6*8	16.0±0.4	9.6±0.3	8.0±0.3	1.50	25.1	38.5	965	4150	5650	5850	5.1
T16*12*8	16.0±0.5	12.0±0.5	8.0±0.3	2.75	15.9	43.4	689	2510	2740min	3680	3.6
T17*10*5	17.0±0.4	10.0±0.4	5.0±0.3	2.40	17.1	40.5	692	2600	3550	3650	3.6
T17*10*8	17.0±0.5	10.0±0.5	8.0±0.5	1.55	27.4	40.5	1107	4150	6200	6300	5.8
T17.4*9.5*28.6	17.4±0.38	9.5±0.38	28.58±0.51	0.36	109.5	39.8	4356	17300	23500	24400	22.8
T18*10*5	18.0±0.5	10.0±0.5	5.0±0.3	2.14	19.4	41.5	807	2900	3950	4100	4.2
T18*10*6	18.0±0.5	10.0±0.5	6.0±0.3	1.78	23.3	41.5	969	3500	4750	4950	5.1
T18*10*7	18.0±0.38	10.0±0.38	7.0±0.18	1.53	27.2	41.6	1130	4050	5550	8000	5.9
T18*10*8	18.0±0.5	10.0±0.5	8.0±0.3	1.30	31.1	41.5	1292	4800	6500	9140	6.8
T18*10*10	18.0±0.6	10.0±0.6	10.0±0.3	1.07	39.0	42.0	1615	6280	8000	11430	8.5

T型/T CORE

型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL±30%(nH/N2)			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
T18*12*6	18.0±0.3	11.9±0.2	6.0±0.2	2.58	17.8	45.9	814	2400	3300	3400	4.3
T18.7*10.2*28.6	18.67±0.38	10.16±0.38	28.58±0.51	0.36	117.9	42.6	5025	17300	23500	24500	26.3
T20*10*7	20.0±0.5	10.0±0.5	7.0±0.3	1.29	33.6	43.6	1465	4800	6600	6800	7.7
T20*10*10	20.0±0.58	10.0±0.58	10.0±0.38	0.91	48.1	43.6	2093	6850	9300	9650	11.0
T20*12*4.8	20.0±0.5	12.0±0.5	4.8±0.3	2.56	18.8	48.1	905	2400	3300	3450	4.7
T20*12*6	20.0±0.5	12.0±0.5	6.0±0.3	2.10	23.5	48.1	1131	2950	4050	4200	5.9
T20*12*8	20.0±0.5	12.0±0.5	8.0±0.3	1.50	31.3	48.1	1508	4000	5650	5850	7.9
T20*12*9	20.0±0.5	12.0±0.5	9.0±0.3	1.40	35.2	48.1	1696	4450	6050	6250	8.9
T20*12*10	20.0±0.5	12.0±0.5	10.0±0.3	1.23	39.1	48.1	1884	5500	7600	10000	9.9
T22*14*6	22.0±0.6	14.0±0.6	6.0±0.3	2.32	23.6	54.7	1290	2680	3650	3800	6.8
T22*14*6.3	22.0±0.6	14.0±0.6	6.3±0.3	2.20	24.8	54.7	1354	2800	3850	4000	7.1
T22*14*6.35	22.0±0.6	14.0±0.6	6.35±0.3	2.19	25.0	54.7	1365	2850	3950	6000	7.2
T22*14*6.5	22.0±0.4	14.0±0.4	6.5±0.3	2.10	25.6	54.7	1397	2950	4050	5555	7.3
T22*14*7	22.0±0.4	14.0±0.4	7.0±0.3	1.99	27.5	54.7	1505	3100	4250	4400	7.9
T22*14*8	22.0±0.6	14.0±0.6	8.0±0.3	1.74	31.5	54.7	1720	3560	4980	7110	9.0
T22*14*10	22.0±0.6	14.0±0.6	10.0±0.3	1.40	39.3	54.7	2150	4440	6220	8890	11.3
T22*14*12	22.0±0.6	14.0±0.6	12.0±0.3	1.20	47.2	54.7	2580	5330	4706min	10670	13.5
T22*14*12.7	22.0±0.4	14.0±0.4	12.7±0.4	1.09	49.9	54.7	2730	5700	7780	8050	14.3
T22*14*13	22.0±0.6	14.0±0.6	13.0±0.3	1.20	47.2	54.7	2580	5150	7050	7300	13.5
T22.1*13.7*6.35	22.1±0.6	13.7±0.6	6.35±0.3	2.10	26.2	54.1	1417	2980	4000	5960	7.4
T22.1*13.7*6.5	22.1±0.3	13.7±0.6	6.5±0.2	2.00	26.8	54.1	1450	3050	4290	4400	7.6
T22.1*13.7*7.9	22.1±0.6	13.7±0.6	7.92±0.4	1.60	34.9	54.8	1913	3900	5300	5500	10.0
T22.1*13.7*12.7	22.1±0.4	13.72±0.4	12.7±0.4	1.00	52.2	54.2	2830	5690	8480	8800	14.8
T22.1*13.7*13	22.1±0.6	13.7±0.6	13.0±0.3	1.00	53.6	54.1	2901	6200	8480	12200	15.2
T25*15*7	25.0±0.6	15.0±0.6	7.0±0.3	1.80	34.2	60.2	2061	3500	4900	7000	10.8
T25*15*8	25.0±0.5	15.0±0.5	8.0±0.3	1.54	39.1	60.2	2356	3400min	5600	8000	12.3
T25*15*9	25.0±0.6	15.0±0.6	9.0±0.3	1.40	44.0	60.2	2650	4450	6050	9000	13.9
T25*15*10	25.0±0.6	15.0±0.4	10.0±0.3	1.20	48.9	60.2	2944	5000	7150	10000	15.4
T25*15*12	25.0±0.5	15.0±0.4	12.0±0.3	1.03	58.7	60.2	3533	6000	8300	8580	18.5
T25*15*13	25.0±0.6	15.0±0.6	13.0±0.3	0.95	63.6	60.2	3828	7150	9750	13000	20.1
T25*15*15	25.0±0.6	15.0±0.6	15.0±0.4	0.80	73.4	60.2	4417	7750	10600	11000	23.2

T型/T CORE

型号	尺寸 Dimensions (mm)			C1	Ae	Le	Ve	AL±30%(nH/N2)			重量(g)
TYPE	A	B	C	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
T25.91*12.83*28.58	25.91±0.4	12.83±0.4	28.58±0.4	0.30	178.1	56.0	9978	20700	28300	29300	52.3
T26*14.5*15	26.0±0.6	14.5±0.6	15.0±0.3	0.70	83.8	60.1	5042	8880	11930	12500	26.4
T28*14*11	28.0±0.6	14.0±0.6	11.0±0.3	0.82	74.0	61.0	4511	7330	10300	10700	23.7
T29*19*7.5	29.0±0.5	19.0±0.4	7.49±0.3	2.00	36.9	73.2	2701	3120	4250	4400	14.2
T29*19*13.8	29.0±0.76	19.0±0.76	13.8±0.38	1.07	68.4	73.2	5009	5800	7900	8200	26.3
T29*19*15	29.0±0.6	19.0±0.6	15.0±0.5	0.99	73.9	73.2	5409	6300	8550	8880	28.4
T29*19*15.2	29.0±0.6	19.0±0.6	15.2±0.3	1.00	74.9	73.2	5481	6330	8480	12894	28.7
T30*19*7.5	30.0±0.6	19.0±0.6	7.49±0.3	1.84	40.5	74.4	3010	3350	4600	4750	15.8
T31*19*8	31.0±0.6	18.6min	8.0±0.3	1.60	47.1	75.5	3552	4300	5376	7680	18.6
T31*19*12	31.0±0.6	19.0±0.6	12.0±0.4	1.10	70.6	75.5	5328	5650	7700	11520	27.9
T31*19*13	31.0±0.6	18.6min	13.0±0.3	1.00	75.3	75.9	5713	6240	8730	12480	30.0
T31*19*15	31.0±0.6	19.0±0.6	15.0±0.3	0.90	88.2	75.5	6660	6900	9400	9750	34.9
T31*19*16	31.0±0.6	18.6min	16.0±0.4	0.80	94.1	75.5	7104	7680	10752	15360	37.2
T31*20*15	31.0±0.6	20.0±0.6	15.0±0.4	0.96	81.2	77.6	6301	6480	9060	12940	33.0
T36*23*10	35.99±0.6	23.0±0.4	10.0±0.4	1.40	63.9	89.6	5726	4450	6050	6280	30.0
T36*23*15	36.0±0.6	22.5min	15.0±0.4	0.90	95.9	89.6	8996	6600	7700	13400	47.2
T38*19*13	38.0±0.7	19.0±0.7	13.0±0.5	0.70	118.7	82.7	9820	9530	12130	13950	51.5
T38*19*14	38.0±0.4	$19.0^{+0.5}_{-0.1}$	14.0±0.4	0.60	127.8	82.7	10575	10300	14000	17000	55.4
T38*22*13	38.0±0.7	22.0±0.7	13.0±0.5	0.88	101.5	89.7	9101	6930	9710	10000	47.7
T42*26*13	42.0±0.7	26.0±0.7	13.0±0.5	1.00	102.0	102.8	10491	6200	8560	8800	55.0
T42*26*16	42.0±0.7	26.0±0.7	16.0±0.5	0.82	125.6	102.8	12913	7550	10300	11765	67.7
T49.1*33.8*15.9	49.1±0.7	33.8±0.75	15.9±0.35	1.06	120.0	127.0	15290	5850	8000	11800	80.2
T50*25*20	$50.0^{+0}_{-1.2}$	$25.0^{+0.6}_{-0}$	$20.0^{+1.2}_{-0}$	0.50	240.2	108.9	26156	13330	18660	21460	137.1
T50*30*20	50.0±0.8	30.0±0.8	20.0±0.5	0.60	195.7	120.4	23555	10300	14000	14600	123.5
T50*30*30	50.0±0.8	30.0±0.8	30.0±0.5	0.40	293.6	120.4	35333	15500	21000	22000	185.3
T50*35*16	50.0±0.8	35.0±0.7	16.0±0.4	1.10	118.7	130.7	15522	5650	7700	11835	81.4
T50*35*20	50.0±0.8	35.0±0.8	20.0±0.5	0.88	148.4	130.7	19403	7050	9880	14110	101.7
T56*32*15	56.0±0.8	32.0±0.8	15.0±0.5	0.75	175.4	131.3	23022	9820	11300	11700	120.7
T56*32*18	56.0±0.8	32.0±0.8	18.0±0.5	0.62	210.5	131.3	27266	10000	13700	19640	143.0
T65*38*20	65.0±1.5	38.0±0.8	20.0±0.5	0.58	263.6	154.2	40668	10700	14600	15200	213.2



EE型/EE CORE

型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE5/5/2	5.25±0.1	2.65±0.08	1.95±0.1	1.35±0.05	3.8min	2.0±0.08
EE6.3/6/2	$6.3^{+0}_{-0.25}$	2.9±0.1	2.0±0.1	1.4±0.1	3.6min	1.9±0.1
EE8.3/8/2	8.3±0.3	4.0±0.2	1.9±0.2	$2.0^{+0}_{-0.3}$	6.0min	$3.0^{+0.2}_{-0.1}$
EE8.3/8/4A	8.3±0.3	4.0±0.2	3.9±0.2	$2.0^{+0}_{-0.3}$	6.0min	$3.0^{+0.2}_{-0.1}$
EE8.3/8/4B	8.3±0.3	4.2±0.2	3.6±0.2	1.8±0.15	6.0min	3.1±0.2
EE9.6/13/3	9.6±0.3	6.7±0.2	$2.4^{+0.05}_{-0.2}$	2.2±0.15	7.2±0.3	$4.7^{+0.2}_{-0.1}$
EE9/11/2	9.0±0.4	5.35±0.15	2.35±0.1	2.32±0.13	5.8±0.15	3.7±0.15
EE10.7/12/2	10.7±0.3	6.0±0.2	$2.4^{+0.05}_{-0.2}$	2.8±0.2	7.8±0.3	4.7±0.2
EE10/11/5	10.2±0.3	5.5±0.2	4.8±0.2	2.5±0.2	7.5min	4.3±0.2
EE12/10/4	12.2±0.3	$5.2^{+0.3}_{-0.1}$	$4.0^{+0.1}_{-0.3}$	$3.2^{+0.1}_{-0.2}$	8.8min	3.6±0.2
EE12.5/13/4	$12.6^{+0.5}_{-0.4}$	6.4±0.2	3.6±0.2	3.65±0.2	8.8min	4.65±0.2
EE13/12/6	13.0±0.4	6.0±0.3	5.9±0.3	$2.8^{+0}_{-0.4}$	9.8min	4.6±0.3
EE16/15/5	16.0±0.4	7.3±0.3	$5.0^{+0}_{-0.5}$	4.0±0.2	11.7min	5.3±0.3
EE16/16/5	16.0±0.5	8.1±0.3	4.5±0.3	4.5±0.2	11.4min	5.9±0.3
EE16/25/5	16.0±0.4	12.4±0.3	$5.1^{+0}_{-0.4}$	4.0±0.2	11.7min	10.4±0.3
EE19/16/5	19.0±0.4	8.0±0.3	$5.0^{+0.1}_{-0.5}$	$5.0^{+0}_{-0.5}$	13.7min	$5.6^{+0.4}_{-0.1}$
EE19/27/5	19.0±0.4	13.6±0.3	$5.1^{+0}_{-0.5}$	$5.1^{+0}_{-0.5}$	13.5min	11.3±0.3
EE20/18/11	20.0±0.6	9.15±0.25	10.75±0.25	5.7±0.2	14.4±0.3	6.35±0.25
EE20/18/6	20.0±0.6	$9.3^{+0}_{-0.4}$	$5.9^{+0}_{-0.5}$	$5.9^{+0}_{-0.4}$	14.1min	$6.1^{+0.4}_{-0}$
EE20/20/6	20.0±0.6	9.9±0.2	5.7±0.25	5.7±0.2	14.1min	7.2±0.2
EE20/27/5	20.0±0.3	13.8±0.25	5.0±0.2	4.55±0.2	14.3min	11.25±0.15
EE21/21/6	21.0±0.3	10.5±0.2	5.8±0.2	5.8±0.2	14.5±0.3	7.2±0.2

EE型/EE CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±30%(nH/N^2) TS5	TS7	TS10min	重量(g) Weight
EE5/5/2	4.90	2.6	12.7	32.5	340	500	*1120	0.2
EE6.3/6/2	3.49	3.5	12.3	43.6	470	500	*1360	0.2
EE8.3/8/2	5.40	3.6	19.6	71.5	420	*600	470	0.4
EE8.3/8/4A	2.63	7.5	19.6	147	*960	*1040	1000	0.9
EE8.3/8/4B	2.82	7.1	20.0	142	*960	*1040	*1200	0.8
EE9.6/13/3	4.84	5.8	27.8	160	570	650	*1120	1.0
EE9/11/2	3.45	6.5	22.5	146	700	800	*1920	0.8
EE10.7/12/2	4.52	6.2	28.0	174	610	700	*1280	1.0
EE10/11/5	2.25	11.7	26.3	307	*1250	1350	*1370	1.8
EE12/10/4	2.03	12.5	25.4	318	1100	*1800	*1680	1.8
EE12.5/13/4	2.35	12.6	29.7	375	1200	1400	*2880	2.1
EE13/12/6	1.70	17.0	30.3	517	1700	1950	*2100	3.0
EE16/15/5	1.90	18.8	35.5	669	1650	2000	*2300	3.8
EE16/16/5	1.90	20.3	37.5	761	1700	2000	*3600	4.1
EE16/25/5	2.88	19.4	55.9	1085	1350	1600	*1750	6.2
EE19/16/5	1.75	22.6	39.6	896	1900	2400	*2700	4.9
EE19/27/5	2.64	23.4	61.7	1443	1500	1850	*1960	8.1
EE20/18/11	0.71	60.6	42.9	2600	4800	5600	5800	14.7
EE20/18/6	1.37	31.2	42.9	1338	2500	2900	3000	8.0
EE20/20/6	1.50	31.8	46.7	1483	2200	2800	3000	8.5
EE20/27/5	2.53	24.7	62.6	1549	1560	2000	*3040	8.7
EE21/21/6	1.30	36.2	47.4	1715	2700	3250	*5600	11.0

注：*— —镜面磨削

Remark：*— —mirror grinding

EE 型/EE CORE

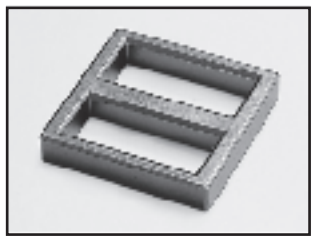
型号	尺寸 Dimensions (mm)					
TYPE	A	B	C	D	E	F
EE21/28/6	20.5±0.4	13.9±0.2	6.35±0.15	6.35±0.15	14.35±0.25	10.7±0.2
EE22/18/6	22.0±0.4	9.2±0.2	5.7±0.3	5.75±0.25	16.0±0.4	5.2±0.2
EE22/30/6	22.0±0.4	$14.7^{+0.4}_{-0}$	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	16.0±0.4	$10.7^{+0.4}_{-0}$
EE25/20/6	25.6±0.5	10.0±0.3	6.35±0.3	6.35±0.3	18.8min	6.8±0.25
EE25/20/7	$25.3^{+0.5}_{-0.3}$	10.0±0.3	$7.0^{+0}_{-0.5}$	$6.5^{+0.3}_{-0.25}$	19.1min	6.8±0.25
EE25/26/7	25.05±0.75	12.55±0.25	7.2±0.3	7.25±0.25	17.5min	8.95±0.25
EE25/32/6	25.4±0.4	15.9±0.25	6.35±0.25	6.35±0.3	18.8min	12.7±0.3
EE25/32/7	$25.3^{+0.5}_{-0.3}$	16.0±0.3	$7.0^{+0}_{-0.5}$	$6.5^{+0.3}_{-0.25}$	19.1min	12.8±0.3
EE27/27/7	27.0±0.3	13.65±0.2	7.0±0.2	7.0±0.2	19.55±0.3	10.08±0.2
EE30/30/7	30.5±0.5	15.0±0.3	7.0±0.3	6.9±0.3	19.5min	10.2±0.3
EE35/30/9	35.0±0.6	14.6±0.3	9.2±0.3	9.4±0.3	24.8min	9.8±0.3

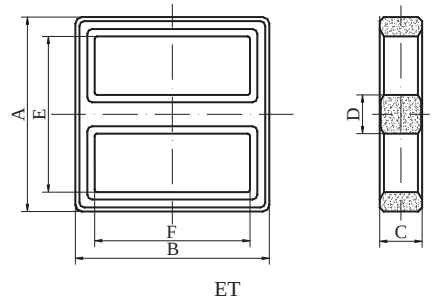
EE型/EE CORE

型号	C1	Ae	Le	Ve	AL±30%(nH/N^2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10min	Weight
EE21/28/6	1.50	39.9	60.7	2421	2600	3180	3250	14.0
EE22/18/6	1.20	35.9	41.4	1486	2800	3300	3400	8.4
EE22/30/6	1.80	22.0	39.9	879	1800	*2640	2200	5.0
EE25/20/6	1.23	40.3	49.7	2003	3000	3550	*4480	11.3
EE25/20/7	1.10	44.5	49.8	2218	3200	3900	4000	12.5
EE25/26/7	1.10	51.4	57.7	2974	3450	4200	4400	17.0
EE25/32/6	1.79	40.0	73.0	3005	2300	2900	*4480	17.0
EE25/32/7	1.70	44.5	73.8	3283	2450	3050	*3600	18.5
EE27/27/7	1.27	50.3	64.1	3227	3100	3850	*6000	18.2
EE30/30/7	1.15	57.3	66.1	3790	3500	4300	4400	21.4
EE35/30/9	0.80	87.7	70.2	6155	5150	6300	6500	34.7

注：*— —镜面磨削

Remark：*— —mirror grinding

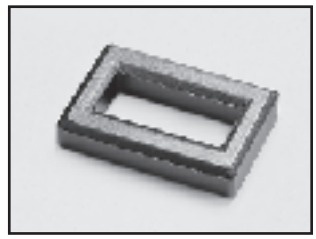


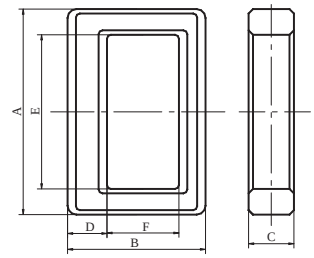


ET

ET FT型/ET FT CORE

型号 TYPE	尺寸 Dimensions (mm)					
	A	B	C	D	E	F
ET20	20.1±0.5	20.1±0.5	4.4±0.3	4.0±0.2	15.7min	15.7min
ET23	23.4±0.3	22.0±0.3	3.8±0.2	3.8±0.2	19.1min	17.4min
ET24	$24.0^{+0.7}_{-0.4}$	$24.0^{+0.7}_{-0.4}$	4.0±0.3	4.0±0.2	18.9min	18.9min
ET25	25.1±0.4	25.8±0.4	4.1±0.3	4.4±0.3	20.1±0.5	20.8±0.5
ET25A	25.5±0.5	25.5±0.5	5.0±0.3	5.0±0.3	19.2min	19.2min
ET26	26.3±0.4	26.3±0.4	4.45±0.2	4.45±0.2	21.4±0.4	21.4±0.4
ET28	28.7±0.5	28.7±0.5	5.0±0.3	5.0±0.3	22.2min	22.2min
ET29	29.0±0.4	30.0±0.4	5.0±0.3	5.0±0.3	22.6min	23.6min
ET31	31.0±0.5	31.0±0.5	8.0±0.2	8.0±0.2	23.7min	23.7min
ET35	35.3±0.6	35.3±0.6	7.5±0.4	7.5±0.3	26.5min	26.5min
FT16	15.6±0.2	13.4±0.2	7.0±0.2	2.8±0.1	10.0±0.2	7.8±0.2
FT17.2	17.2±0.3	13.1±0.3	6.8±0.2	1.05±0.2	11.0±0.3	7.5±0.2
FT17.5	17.5±0.4	15.0±0.3	3.7±0.2	3.7±0.2	11.5±0.3	6.6±0.2
FT19	19.5±0.3	14.2±0.6	5.0±0.3	4.0±0.2	12.9min	6.8min
FT20.6	20.6±0.3	14.1±0.3	4.6±0.3	4.2±0.2	15.7min	7.35min
FT21.5	21.5±0.4	15.6±0.3	3.7±0.3	3.7±0.3	15.5±0.3	6.9±0.4
FT23	23.0±0.4	18.8±0.2	7.0±0.2	4.0±0.1	15.0±0.2	10.8±0.2
FT27.9	27.9±0.4	20.3±0.3	12.5±0.3	4.85±0.1	18.2±0.3	10.3±0.3
FT32	32.0±0.5	22.8±0.5	7.9±0.2	6.5±0.2	19.0±0.4	9.6±0.4

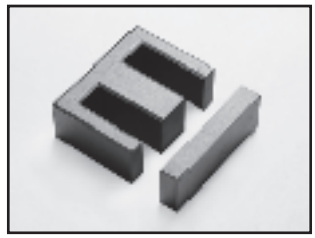


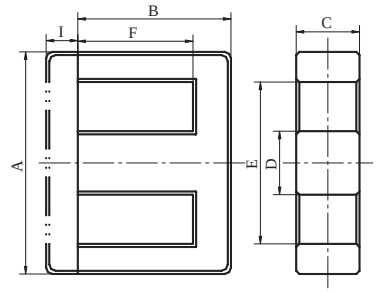


FT

ET FT型/ET FT CORE

型号 TYPE	C1 (mm^{-1})	Ae (mm^2)	Le (mm)	Ve (mm^3)	AL±30%(nH/N2) TS5	TS7	TS10min	重量(g) Weight
ET20	2.96	17.6	52.1	917	2335	2900	3000	5.2
ET23	3.56	15.9	56.6	899	1850	2400	2700	5.1
ET24	3.44	17.5	60.3	1050	2000	2500	2700	6.0
ET25	3.32	19.5	64.7	1261	1800	2600	2800	7.1
ET25A	2.30	27.6	62.4	1721	3060	3200	3820	9.9
ET26	3.20	21.0	67.1	1412	2160	2800	3000	8.1
ET28	2.70	25.9	70.0	1820	2560	3200	3360	10.5
ET29	2.70	27.5	74.3	2050	2300	3200	4000	11.5
ET31	1.32	57.2	75.4	4311	4600	6400	6700	24.8
ET35	1.46	58.3	85.2	4970	4200	5800	6000	28.0
FT16	2.27	19.6	44.4	870	2630	4500	3880	5.0
FT17.2	2.34	19.6	45.9	898	2100min	3770	3750	5.0
FT17.5	3.54	13.1	46.3	606	1700	2400	2300	3.4
FT19	3.17	16.0	50.6	808	1900	3050	4100	4.6
FT20.6	4.80	13.5	64.4	867	1250	2800	3000	4.9
FT21.5	4.06	13.4	54.5	731	1550	2400	3000	4.2
FT23	1.00	39.3	39.3	1547	2700	4500	8800	10.4
FT27.9	1.17	61.7	72.4	4468	4300min	7500	7500	25.2
FT32	1.50	51.8	77.8	4032	4050	5650	6000	23.0





EI型/EI CORE

型号	尺寸 Dimensions (mm)						
TYPE	A	B	C	D	E	F	I
EI22/19/6	22.0±0.4	15.0±0.4	$6.0^{+0}_{-0.5}$	$6.0^{+0}_{-0.5}$	15.7min	10.8min	4.0±0.2
EI25/19/7	25.0±0.5	16.0±0.3	$7.0^{+0}_{-0.5}$	6.5±0.3	19.1min	$12.7^{+0.5}_{-0}$	2.7±0.2
EI28/20/11	28.0±0.4	17.3±0.25	10.7±0.3	7.2±0.3	18.6min	12.8±0.2	3.5±0.15
EI33/29/13	33.0±0.6	24.25±0.25	12.75±0.25	9.7±0.3	23.8min	19.25±0.25	5.0±0.3

型号	C1	Ae	Le	Ve	AL±30%(nH/N^2)			重量(g)
TYPE	(mm^{-1})	(mm^2)	(mm)	(mm^3)	TS5	TS7	TS10 min	Weight
EI22/19/6	1.17	36.5	42.9	1565	2200	3200	3300	8.8
EI25/19/7	1.22	39.2	47.9	1877	2900	3500	3560	10.6
EI28/20/11	0.59	84.4	49.5	4175	6160	7400	7550	23.5
EI33/29/13	0.57	119.3	68.0	8113	7150	8750	9000	45.7

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