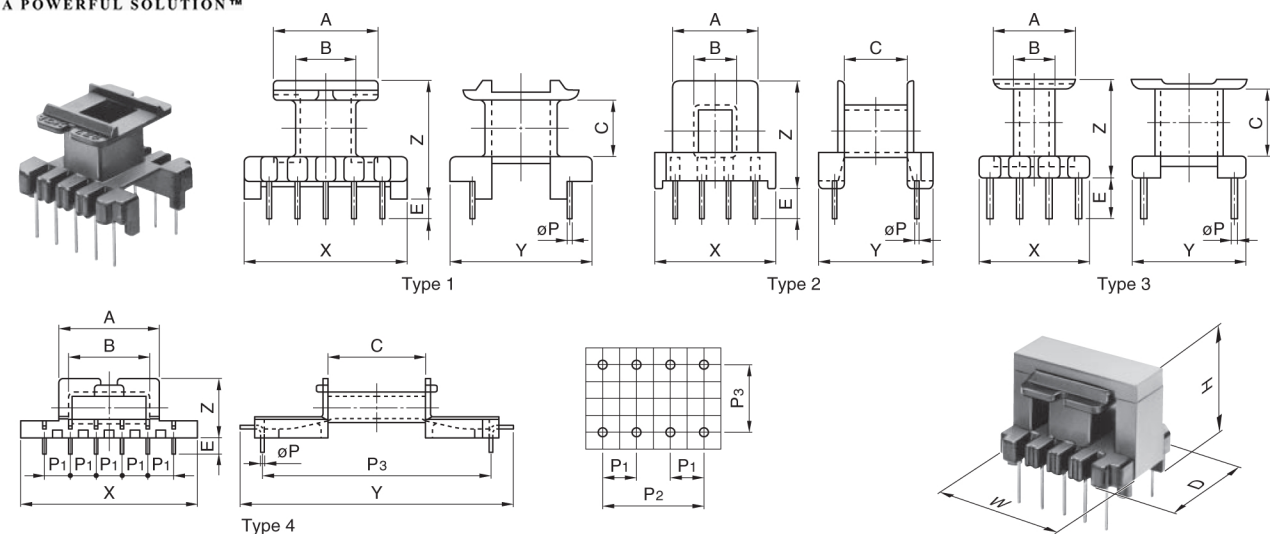


MH&W International Corporation

EE and EI Bobbin



Part No.	Type	Dimensions in		C	E	X	Y	Z	t*
		A	B						
BE8-116CPHFR	2	5.75 .226	3.0 .118	4.78 .188	2.70 .106	8.00 .315	8.80 .346	8.40 .331	0.35 .014
BE10-118CPSFR	3	7.2 .283	3.53 .139	6.6 .260	3.85 .152	10.15 .400	10.2 .402	9.0 .354	0.35 .014
BE12.5-1110CPFR	1	8.5 .335	3.58 .141	3.5 .138	3.25 .128	12.35 .486	12.35 .486	8.3 .327	0.325 .013
BE13-1110CPSFR	3	9.95 .392	4.05 .159	7.4 .291	3.7 .146	12.1 .476	12.6 .496	10.4 .409	0.40 .016
BE16-116CPFR	3	11.48 .452	5.15 .203	8.5 .335	3.8 .150	11.48 .452	13.0 .512	11.5 .453	0.375 .015
BE16-118CPHFR	2	11.4 .449	5.15 .203	8.6 .339	4.0 .157	15.0 .591	13.4 .528	13.30 .524	0.325 .013
BE16-1110CPNFR	1	11.35 .447	5.65 .222	8.20 .323	3.8 .150	16.0 .630	13.0 .512	13.90 .547	0.55 .022
BES-16-1110CPSFR	3	12.2 .480	4.55 .179	8.7 .343	5.0 .197	15.9 .426	14.0 .551	11.7 .461	0.45 .018
BE19-116CPFR	3	13.8 .543	5.8 .228	9.1 .358	5.0 .197	13.8 .543	16.5 .650	12.05 .474	0.35 .014
BE19-118CPHFR	2	14.0 .551	6.65 .262	9.0 .354	6.0 .236	20.0 .787	16.2 .638	18.6 .732	0.80 .031

Part No.	Dimensions in mm					Terminal pins	W D H (mm)	Parameter		Wt (g)	Accessory item
	ØP (mm)	P1 (mm)	P2 (mm)	P3 (mm)				Aw (mm ²)	Ø w (mm)		
BE8-116CPHFR	0.6	2.5	5.0	7.0	6		8.3 8.0 8.0	5.3	19.9	0.26	—
BE10-118CPSFR	0.5	2.6	7.7	8.0	8		10.4 10.1 11.2	12.2	23.8	0.34	—
BE12.5-1110CPFR	0.6	2.5	10.0	7.5	10		12.7 12.5 9.1	8.6	27.2	0.64	—
BE13-1110CPSFR	0.6	2.5	10.0	8.6	10		13.2 12.7 12.3	22.2	31.3	0.63	—
BE16-116CPFR	0.6	3.1	6.2	9.2	6		16.3 16.1 14.6	27.3	32.5	0.63	—
BE16-118CPHFR	0.6	3.0	9.0	11.0	8		16.5 14.6 13.6	26.7	33.1	0.84	—
BE16-1110CPNFR	0.6	3.25	13.0	10.5	10		16.3 16.1 15.6	23.2	33.0	1.2	—
BES-16-1110CPSFR	0.6	3.3	13.2	11.0	10		16.3 14.1 16.3	33.1	37.1	1.0	—
BE19-116CPFR	Ø0.5	4.0	8.0	12.5	6		20.3 19.2 18.2	36.4	36.8	0.95	—
BE19-118CPHFR	0.8	5.08	15.24	12.7	8		20.3 19.2 18.8	33.1	39.1	2.4	—

UL Grade: 94V-0, Material: FR phenol, Pin material: Steel wire (Solder plated)

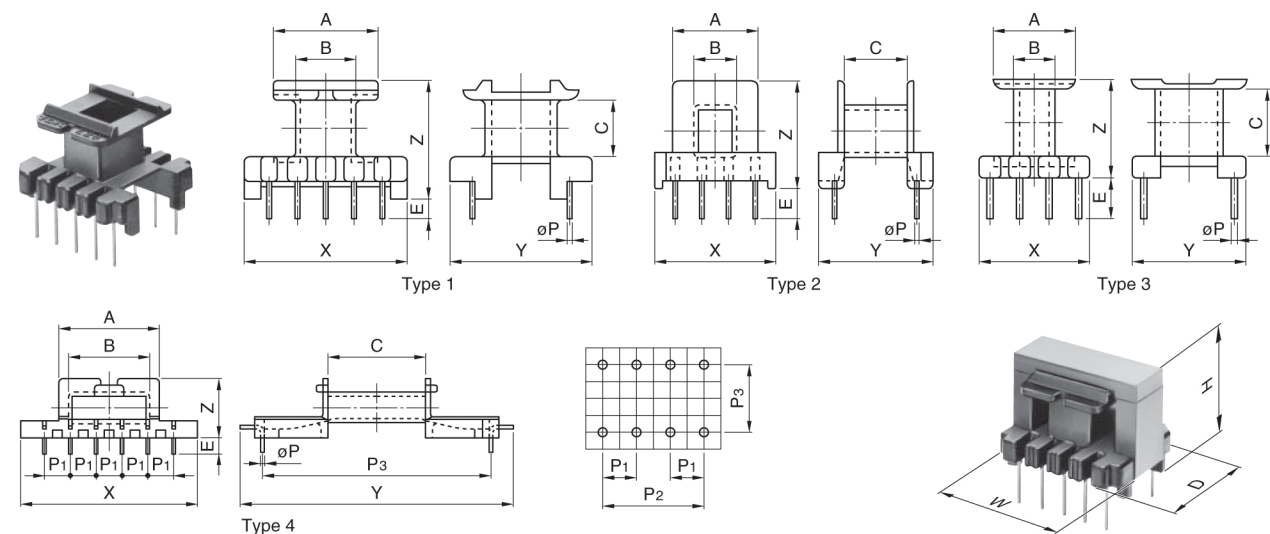
Maximum number of turns N that can be wound on bobbins, see section of "Maximum number of Turns on Bobbins".

* Minimum thickness of bobbin inside which core is placed, including flanges.

Effective April 1, 2011. MH&W will import Bobbins and Accessories
Manufactured from the Original TDK Tooling

MH&W International Corporation

EE and EI Bobbins



Part No.	Type	Dimensions in							
		mm inches							
		A	B	C	E	X	Y	Z	t*
BE22-118CPFR	1	12.5 .492	7.9 .311	8.45 .332	6.0 .236	22.0 .866	17.0 .669	17.3 .681	0.85 .033
BE22/19/6-118CPFR	1	15.2 .598	7.9 .311	8.45 .332	6.0 .236	22.0 .866	17.0 .669	17.3 .681	0.85 .033
BE25-118CPFR	1	18.1 .713	9.1 .358	9.8 .386	6.0 .236	25.0 .984	18.0 .709	19.3 .760	0.90 .035
BE28-1110CPLFR	1	18.1 .713	9.9 .390	9.6 .378	7.0 .276	28.0 1.102	25.0 .984	20.6 .811	0.90 .035
BE30-1110CPFR	1	19.2 .756	13.1 .516	13.7 .539	7.0 .276	30.0 1.181	25.0 .984	24.65 .970	0.85 .033
BE30-1112CPFR	1	19.4 .764	13.1 .516	13.7 .539	7.0 .276	30.0 1.181	25.0 .984	24.65 .970	0.70 .028
BE33-1112CPLFR	1	23.1 .909	12.4 .488	16.6 .654	7.0 .276	33.0 1.299	28.0 1.102	28.6 1.126	0.90 .035
BE35-1112CPLFR	1	24.0 .945	12.7 .500	15.7 .618	7.0 .276	35.0 1.378	25.0 .984	28.7 1.130	0.90 .035
BE40-1112CPFR	1	26.5 1.043	14.0 .551	17.3 .681	7.0 .276	36.0 1.417	30.0 1.181	30.5 1.201	0.80 .031
BE40-1112CPNFR	1	26.5 1.043	14.0 .551	17.3 .681	7.0 .276	36.0 1.417	30.0 1.181	30.5 1.201	0.80 .031

Part No.	Dimensions in mm					Parameter		Wt (g)	Accessory item
	øP (mm)	P1 (mm)	P2 (mm)	P3 (mm)	Terminal pins	W D H (mm)	Aw (mm ²)	ø w (mm)	
BE22-118CPFR	0.8	5.0	15.0	12.5	8	22.3 17.1 20.1	20.0	38.6	2.3 —
BE22/19/6-118CPFR	0.8	5.0	15.0	12.5	8	22.4 17.1 19.1	31.5	42.8	2.7 —
BE25-118CPFR	0.8	5.0	15.0	12.5	8	25.8 20.1 20.5	42.5	49.4	3.5 —
BE28-1110CPLFR	0.8	5.0	20.0	17.5	10	28.5 25.1 22.7	39.4	59.1	5.0 —
BE30-1110CPFR	0.8	5.0	20.0	20.0	10	30.4 26.1 28.6	44.5	61.0	4.9 FE-30-F FE-30-G
BE30-1112CPFR	0.8	5.0	25.0	20.0	12	30.4 26.1 28.6	43.2	58.0	6.2 —
BE33-1112CPLFR	0.8	5.0	25.0	22.5	12	33.5 28.1 31.2	88.8	72.3	6.8 —
BE35-1112CPLFR	0.8	5.0	25.0	20.0	12	35.5 30.1 30.9	88.7	68.5	7.7 —
BE40-1112CPFR	1.0	5.0	25.0	25.0	12	40.5 35.2 35.8	108.0	76.0	9.7 FE-40-F FE-40-G
BE40-1112CPNFR	1.0	5.0	25.0	22.5	12	40.5 35.2 35.7	108.1	75.6	9.8 —

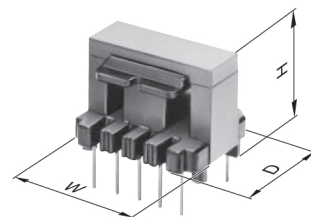
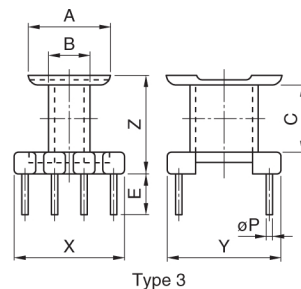
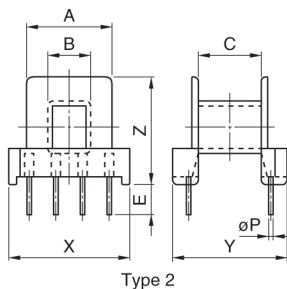
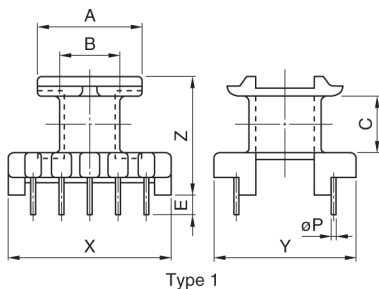
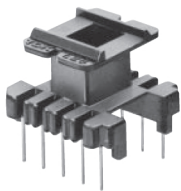
UL Grade: 94V-0, Material: FR phenol, Pin material: Steel wire (Solder plated)

Maximum number of turns N that can be wound on bobbins, see section of "Maximum number of Turns on Bobbins".

* Minimum thickness of bobbin inside which core is placed, including flanges.

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• All specifications are subject to change without notice.



Part No.	Type	Dimensions in		C	E	X	Y	Z	t*
		A	B						
BE50-1112CPFR	1	33.2 1.307	17.2 .677	21.3 .839	9.0 .354	50.0 1.969	36.0 1.417	36.65 1.443	0.85 .033
BE60-1112CPFR	1	43.3 1.705	18.60 .732	23.8 .937	10.0 .394	56.0 2.205	45.0 1.772	38.9 1.531	0.95 .037

Part No.	Dimensions in mm					Parameter		Wt (g)	Accessory item
	ØP (mm)	P ₁ (mm)	P ₂ (mm)	P ₃ (mm)	Terminal pins	W D (mm) H	Aw (mm ²)	Ø w (mm)	
BE50-1112CPFR	1.0	7.5	37.5	27.5	12	50.7 36.2 43.6	170.0	94.0	17 FE-50-F FE-50-G
BE60-1112CPFR	1.0	7.5	37.5	35.0	12	50.8 45.2 45.1	294.0	113.0	29 FE-60-F FE-60-G

UL Grade: 94V-0, Material: FR phenol, Pin material: Steel wire (Solder plated)

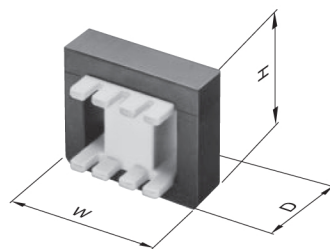
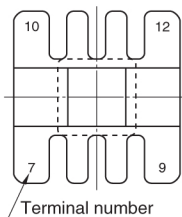
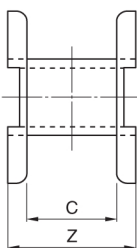
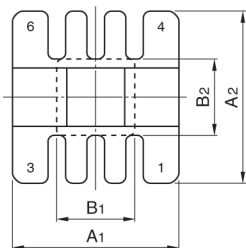
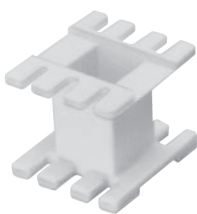
Maximum number of turns N that can be wound on bobbins, see section of "Maximum number of Turns on Bobbins".

* Minimum thickness of bobbin inside which core is placed, including flanges.

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EE and EI Bobbins



Part No.	Dimensions in		B ₁	B ₂	C	Z	t*	W D (mm) H
	A ₁	A ₂						
BE-19-5116	13.7	14.8	6.4	7.15	9.33	11.93	0.60	20.3
	.539	.583	.252	.281	.367	.470	.024	14.9 16.2
BE-22-5116	12.53	13.0	7.7	8.0	8.68	11.28	0.575	22.3
	.493	.512	.303	.315	.342	.444	.023	13.1 19.5
BE-25-5116	18.1	19.1	8.7	9.2	10.13	14.6	0.725	25.8
	.713	.752	.343	.362	.399	.575	.029	19.2 18.7
BE-30-5112	18.85	20.8	13.0	13.0	13.95	18.5	0.60	30.4
	.742	.819	.512	.512	.549	.728	.024	21.1 27.2
BE-40-5112	26.35	29.1	14.4	15.4	17.6	23.55	0.80	40.5
	1.037	1.146	.567	.606	.693	.927	.031	29.4 35.3
BE-50-5112	32.75	35.55	17.4	18.4	22.1	30.1	0.80	50.7
	1.289	1.400	.685	.724	.870	1.185	.031	35.8 43.0
BE-60-5112	42.75	45.75	19.5	20.5	24.1	34.1	1.30	60.8
	1.683	1.801	.768	.807	.949	1.343	.051	46.0 45.0

Part No.	Parameter			Material	Accessory item
	Aw (mm ²)	ℓ w (mm)	Wt (g)		
BE-19-5116	35.7	37.9	0.55	6-Nylon	
BE-22-5116	21.7	38.2	0.45	6-Nylon	
BE-25-5116	47.6	50.6	1.3	6-Nylon	
BE-30-5112	47.6	66.0	1.5	6-Nylon	FE-30-F FE-30-G
BE-40-5112	110.0	85.0	3.8	6-Nylon	FE-40-F FE-40-G
BE-50-5112	178.0	100.0	6.6	6-Nylon	FE-50-F FE-50-G
BE-60-5112	289.0	128.0	15	6-Nylon	FE-60-F FE-60-G

UL Grade: 94V-0

Maximum number of turns N that can be wound on bobbins, see section of "Maximum number of Turns on Bobbins".

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