

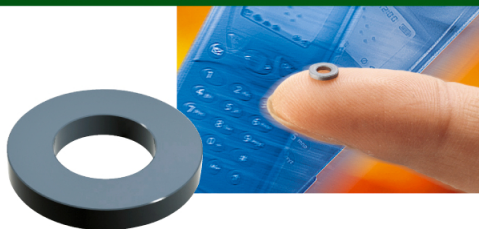
Ultra Thin MPP Washer Cores

Features

- High permeability powder cores
- Low core loss at high frequencies
- High efficiency washer cores
- Minimum magnetic flux leakage
- Excellent DC bias characteristics
- Good temperature stability
- Large energy storage capacity

Applications

- Choke coil for mobile phone
- Inductor for handheld devices
- Power Inductor for PDA, LCD



Part No.	Core Dimensions (mm) Before Finish			Nominal Inductance (nH/N ²)	Path Length (cm)	Typical Inductance	Recommended Inductance L (μH) at 0A
	OD	ID	HT			L @ 0A, 20T (μH)	
DM 3508P	3.56	1.78	0.8	14	0.817	5.6	3.3, 4.7, 6.8, 10
DM 3510P			1.0	17		6.8	
DM 3908P	3.94	2.24	0.8	11	0.942	4.4	3.3, 4.7, 6.8, 10, 15, 22
DM 3910P			1.0	14		5.6	
DM 3912P			1.2	17		6.8	
DM 4610P	4.65	2.36	1.0	16	1.060	6.4	3.3, 4.7, 6.8, 10, 15, 22
DM 4612P			1.2	20		8	
DM 4614P			1.4	22		8.8	
DM 6310P	6.35	3.79	1.0	18	1.361	8.8	4.7, 6.8, 10, 15, 22, 33, 47, 56
DM 6312P			1.2	22			

※ Custom specifications are also available.

ER type Powder Cores

Features

- Small dimensions for large current applications
- No magnetic flux leakage
- Excellent DC bias characteristics
- Good temperature stability
- Large energy storage capacity

Applications

- Small dimension DC/DC converter
- Large current choke coil
- Smoothing choke coil
- CPU cores for lap-top computer



Part No.	Nominal Inductance (nH/N ²)	Path Length (mm)	Cross Section Area (mm ²)	Volume (mm ³)	Dimensions W×L×H (mm)	L @ IDC
RH 018125	97	13.6	18.2	247.5	12.8×9.5×3.6	0.6μH@30A
RH 021125	84	14.8	18.2	269.3	12.8×9.5×4.2	1.0μH@30A
RH 025125	81	16.4	18.2	298.5	12.8×9.5×5.0	1.0μH@30A

※ RH : High Flux ER Cores

※ RM (MPP ER Core), RS(Sendust ER Core) and custom specifications are also available.