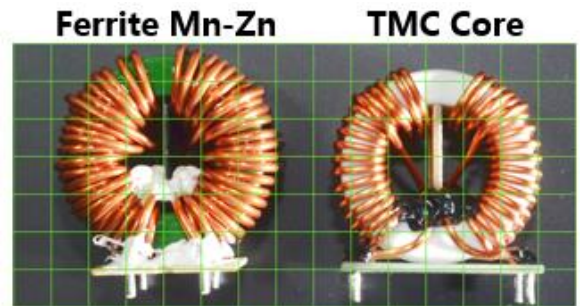


TECH MOUNT

EMI Nemesis-ODM Kill All Noise Frequency

TECH MOUNT Advantage

*Provide the high efficient material
Quickly Services
Customized Services
Component analysis capabilities
Help customer design the common mode choke*



Smaller Size and Less Turns

Nanocrystalline Material

Characteristic

Saturated Flux Density (Bs) 1.2T
Initial Permeability (μ i) 40,000~80,000
Curie Temperature (Tc) 560°C
Material Density 7.2g/cm³

Nanocrystalline Core List

P/N	Cover Size			Ae (cm ²)	Le (cm)	AL(μ H/N ²) \pm 30% at 10KHz	AL(μ H/N ²) MIN at 100KHz
	OD (mm)	ID (mm)	H (mm)				
TMC16-11-8-A	18	10	10	0.168	4.239	35.8	9.6
TMC19-15-6.5-A	22	14	8	0.109	5.338	18.4	4.9
TMC22-17-6.5-A	23.7	15.8	8.4	0.137	6.123	20.1	5.4
TMC22-17-10-A	23.7	15.8	11.9	0.21	6.123	30.8	8.3
TMC16-11-8-B	18	10	10	0.168	4.239	28.7	9.6
TMC19-15-6.5-B	22	14	8	0.109	5.338	14.7	4.9
TMC22-17-6.5-B	23.7	15.8	8.4	0.137	6.123	16.1	5.4
TMC22-17-10-B	23.7	15.8	11.9	0.21	6.123	24.7	8.3
TMC16-11-8-C	18	10	10	0.168	4.239	19.1	9.6
TMC19-15-6.5-C	22	14	8	0.109	5.338	9.8	4.9
TMC22-17-6.5-C	23.7	15.8	8.4	0.137	6.123	10.7	5.4
TMC22-17-10-C	23.7	15.8	11.9	0.21	6.123	16.5	8.3



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TECH MOUNT

PV,UPS and EV Changer application

P/N	Cover Size			Ae (cm ²)	Le (cm)	AL(μ H/N ²) \pm 30% at 10KHz	AL(μ H/N ²) MIN at 100KHz
	OD (mm)	ID (mm)	H (mm)				
TMC33-23-15-A	37.1	20	18.1	0.63	8.7	64.7	17.3
TMC33-23-15-B	37.1	20	18.1	0.63	8.7	51.8	17.3
TMC33-23-15-C	37.1	20	18.1	0.63	8.7	34.5	17.3
TMC40-25-15-A	44.9	21.9	18	0.945	10.2	84.2	22.5
TMC40-25-15-B	44.9	21.9	18	0.945	10.2	67.4	22.5
TMC40-25-15-C	44.9	21.9	18	0.945	10.2	45	22.5
TMC40-25-20-A	44.9	21.9	23.1	1.26	10.2	112.3	30
TMC40-25-20-B	44.9	21.9	23.1	1.26	10.2	89.9	30
TMC40-25-20-C	44.9	21.9	23.1	1.26	10.2	59.9	30
TMC40-32-15-A	44.9	28.7	18.8	0.504	11.3	40	10.7
TMC40-32-15-B	44.9	28.7	18.8	0.504	11.3	32	10.7
TMC40-32-15-C	44.9	28.7	18.8	0.504	11.3	21.4	10.7
TMC45-30-15-A	48.2	27.5	17.9	0.94	11.7	72.7	20
TMC45-30-15-B	48.2	27.5	17.9	0.94	11.7	58.2	20
TMC45-30-15-C	48.2	27.5	17.9	0.94	11.7	39	20
TMC46-27-20-A	50.2	24	23.2	1.596	11.4	127.3	34
TMC46-27-20-B	50.2	24	23.2	1.596	11.4	101.9	34
TMC46-27-20-C	50.2	24	23.2	1.596	11.4	67.9	34
TMC50-30-15-A	54.5	27.1	18.3	1.26	12.5	91.6	24.5
TMC50-30-15-B	54.5	27.1	18.3	1.26	12.5	73.3	24.5
TMC50-30-15-C	54.5	27.1	18.3	1.26	12.5	48.9	24.5
TMC50-32-15-A	54.5	28.5	18.6	1.134	12.8	80	21.4
TMC50-32-15-B	54.5	28.5	18.6	1.134	12.8	64	21.4
TMC50-32-15-C	54.5	28.5	18.6	1.134	12.8	42.7	21.4
TMC50-32-20-A	54.5	28.5	23.8	1.512	12.8	106.6	28.5
TMC50-32-20-B	54.5	28.5	23.8	1.512	12.8	85.3	28.5
TMC50-32-20-C	54.5	28.5	23.8	1.512	12.8	56.9	28.5



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