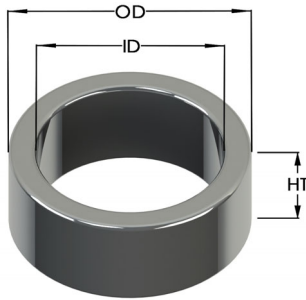


TMC series core list (Plastic case)



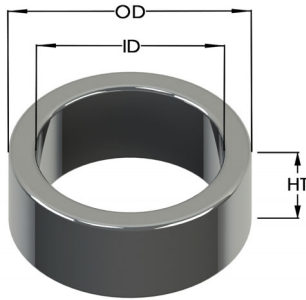
Specification and Product List

Product Features

- High permeability (μr up to 100,000)
- Excellent attenuation of common-mode and differential-mode noise
- High saturation flux density (>1.2T)
- Low core loss and temperature rise
- Suitable for high-frequency and high-current applications
- RoHS & REACH compliant

P/N	Cover Size (Max)			Ae (cm ²)	Le (cm)	AL(μ H/N ²) at 10KHz	AL(μ H/N ²) at 100KHz	Remarks
	OD (mm)	ID (mm)	HT (mm)					
TMC9.8-6.5-4.5-JH	11.3	5.1	5.8	0.06	3.30	21 MIN	5.8 MIN	
TMC10-7-4.5-J	13.1	5	7.1	0.05	2.70	19.1~37	4.8~9.3	
TMC12-8-5-J2H	14	6.7	6.3	0.07	3.20	23MIN	5.1 MIN	
TMC12.5-10-5-RH	14.5	8.2	7	0.05	3.53	7.5~14.5	3.6+45%/-25%	P498
TMC14.5-10.5-8-C	16.8	8.8	10.7	0.13	3.90	16.5±30%	8.3 MIN	
TMC15-10-5-J	17.4	7.8	7.2	0.10	3.93	25.4 MIN	N/A	
TMC15-10-5-J1H	17.2	8	6.95	0.10	3.93	25.4 MIN	5.2 MIN	
TMC16-10-5-J	18.5	8.1	7.9	0.12	4.08	25.4 MIN	N/A	
TMC16-10-5-NH	18.8	8.2	7.7	0.12	4.08	39 MIN	N/A	
TMC16-10-6-K	17.9	8.1	8.1	0.14	4.08	32~60	7.3~14.6	VAC W403
TMC16-10-8-JH	18.3	8.1	10.2	0.19	4.08	38 MIN	9.5 MIN	
TMC16.9-12.3-6.5-N	19.6	10.3	8.7	0.12	4.58	20 MIN	5.5 MIN	
TMC17.5-12.5-6-JH	19.5	10.1	8.5	0.12	4.71	22.5~42.2	5.16 MIN	VAC P515
TMC17.6-12.2-6.5-A	19.5	10.5	7.8	0.15	4.67	28.5±30%	7.6 MIN	VAC W515
TMC18.5-13-5-J1	21.7	10.5	7.8	0.11	4.95	9.4MIN	7.18MIN	
TMC19-12-6.5-L	21.9	9.6	9.1	0.17	4.90	36.0 MIN	7.6 MIN	
TMC19-15-5-L	21.2	12.9	7.3	0.08	5.34	13.6~25.4	3.1~6.0	VAC V184
TMC19-15-6.5-L	21.7	12.1	9.7	0.10	5.34	18.4MIN	3.9 MIN	
TMC19.5-15-5-D1H	21.4	12.8	7.2	0.09	5.40	17.0 MIN	4.0 MIN	
TMC19.5-15-10-J1H	21.5	13	12.5	0.18	5.40	27.1MIN	6.2 MIN	VAC P838
TMC20-12-8-J1	22.5	10.2	10.6	0.25	5.02	34.5~63.57	13.1 MIN	
TMC20-12-8-J2	23	10.1	10.7	0.25	5.02	50~80	9 MIN	
TMC20-12-8-J5H	22.7	9.8	10.8	0.25	5.02	60uH±30%	9.3MIN	
TMC20-12-8-N	23	10.1	10.7	0.25	5.02	35uH MIN	7.5 MIN	
TMC20-12-10-J	23	9.9	12.8	0.31	5.02	60~117	14.5-30	
TMC22-17-6.5-D	24.1	15.4	8.8	0.13	6.13	16.1±30%	5.5 MIN	
TMC22-17-8-AT	24.9	14.1	13.4	0.17	6.13	19.8±30%	6.9 MIN	
TMC22-17-10-J	24.9	14.8	12.9	0.20	6.12	24.7±30%	8.3 MIN	
TMC22-17-10-L	24.9	14.8	12.9	0.20	6.12	31.6 MIN	6.5 MIN	
TMC23-14-10-J	25.4	11.7	12.5	0.35	5.81	60 MIN	13 MIN	
TMC25-16-8-A	28.5	12.6	11.4	0.30	6.43	42.7±30%	11.5 MIN	
TMC25-16-8-P	28.6	13	11.5	0.28	6.40	32.87±30%	16.44 MIN	
TMC25-16-10-J	28.1	13.4	13.1	0.35	6.44	37.3-69.29	13.5 MIN	
TMC25-16-10-J1	28.1	13.4	13.1	0.35	6.44	50.75-94.25	10.5 MIN	VAC W380
TMC25-16-10-J1H	28	13.3	13	0.35	6.44	50 MIN	11.6 MIN	
TMC25-16-10-P	27.9	13.6	12.7	0.35	6.40	41.09±30%	20.5 MIN	
TMC25-16-10-RH	28.5	13.2	13	0.35	6.40	71+40%/-30%	16.89+40%/-30%	
TMC25-20-10-B	28.2	17.3	13.5	0.20	7.00	22.5+45%/-25%	7.2+45%/-25%	VAC W622
TMC25-20-10-L	28.1	17.5	13.2	0.20	7.07	21.5 MIN	5.7 MIN	
TMC25-20-10-P	28.3	16.7	13.8	0.19	7.00	28.4+25%/-20%	5.51~11.1	VAC W523
TMC26-16-10-A	28.5	13.6	13.1	0.42	6.59	58±30%	15.6 MIN	
TMC26-16-10-P	29	13	13.5	0.39	6.60	44.57±30%	22.29 MIN	
TMC28-18-10-AT	31	15.5	12.8	0.42	7.20	52.8±30%	14.1 MIN	
TMC28-18-10-N	31	15.4	12.9	0.39	7.22	24~61	13 MIN	
TMC28-18-15-J	31	15.4	18.3	0.39	7.22	77~143	N/A	

TMC series core list (Plastic case)



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	OD (mm)	ID (mm)	HT (mm)					
TMC30-20-10-J1	34	17.2	13.8	0.39	7.85	45~86	10.5	
TMC30-20-10-JH	34	17.2	13.8	0.39	7.85	45.0~86.0	10.5~20.3	VAC P423
TMC30-20-12-RH	34	17.8	15.5	0.47	7.85	71.0±30%	16.8±30%	
TMC30-20-15-BT	34	17.4	18.3	0.61	7.85	58.2±30%	19.6 MIN	
TMC30-20-15-D	34	17.5	18.3	0.61	7.85	70.4MIN	18.3 MIN	VAC W514
TMC30-20-15-DH	34	17.4	18.3	0.61	7.85	70±30%	18.3 MIN	
TMC30-20-15-Q	34	17.1	18.2	0.59	7.85	54.7 Min	20 Min	
TMC30-20-20-B	33.7	17.7	24.5	0.82	7.85	78±30%	30 MIN	
TMC30-20-20-DH	33.7	17.6	24.5	0.84	7.85	103.4±30%	25.9 MIN	
TMC32-20-10-JH	34.8	17.5	13.8	0.47	8.16	50~93	13.5 MIN	
TMC33-23-15-AT	36.4	20.6	18.4	0.63	8.70	64.7±30%	17.3 MIN	
TMC34-24-15-D	38.2	21.1	18.1	0.62	9.10	16.7~32	N/A	
TMC37-20-18-D	39.9	17.5	20.9	1.27	8.90	39~90	18.5 MIN	FT-3KM F3724E
TMC40-25-15-J	45	21	19.5	0.88	10.21	75 MIN	16 MIN	
TMC40-25-15-JH	45	21	19.5	0.88	10.21	75 MIN	16 MIN	
TMC40-32-15-A	45.4	28.2	19.3	0.49	11.30	40±30%	10.7 MIN	
TMC40-32-15-C	45.2	28.4	19.1	0.50	11.30	21±30%	10.8 MIN	
TMC40-32-15-L	45.2	28.1	19.3	0.47	11.30	41 MIN	8.53 MIN	W422
TMC43-25-20-N	49.4	19.8	25	1.40	10.68	60 MIN	25 MIN	3 Phase
TMC45-30-15-AT	49.1	26.1	18.7	0.94	11.70	93.9±30%	21.5 MIN	
TMC45-30-15-C	48.7	26.7	18.4	0.94	11.70	39±30%	20 MIN	
TMC45-30-15-D	48.7	26.7	18.4	0.94	11.70	75 MIN	15.0MIN	
TMC46-27-20-J	49.4	23.7	23.1	1.48	11.46	67.9±30%	34.0 MIN	
TMC46-27-20-V1	49.5	24.1	23.1	1.55	11.46	119.0±30%	70.0MIN	
TMC50-30-15-V1	55.2	26.5	18.5	1.23	12.56	98±30%	50 MIN	
TMC50-32-20-A	54.1	27.9	24.4	1.47	12.80	107±30%	28.5 MIN	
TMC50-40-20-AT	54.3	36.5	23.6	0.82	14.10	53.3±30%	15.8 MIN	VAC W516
TMC59-40-20-J	64.1	36	24.8	1.48	15.54	74.3±30%	24.8 MIN	
TMC60-40-25-J	66	36.1	29	1.95	15.70	100 MIN	14 MIN	
TMC64-40-25-C	67.6	36.7	29.4	2.50	16.30	75±30%	38 MIN	
TMC65-50-25-B	69.1	46	29.7	1.57	18.00	63±30%	20.9 MIN	
TMC65-50-25-D	69.5	45.5	30	1.53	18.10	68.8+45%/-25%	28.2+45%/-25%	VAC W517
TMC75-60-25-A	81	54	31	1.56	21.10	66.8±30%	17.8 MIN	
TMC80-50-20-N	84	45.9	25.3	2.34	20.41	72 MIN	18 MIN	
TMC90-60-20-D	95	54	25	2.50	23.50	81+45%/-25%	26 MIN	VAC W518
TMC102-76-25-B	108.5	69.7	31.5	2.73	27.90	71.1±30%	23.5 MIN	
TMC120-85-25-CH	127.0	78.5	31.0	3.50	32.10	50 MIN	28 MIN	