



Standard Toroid Cores

Designation	Dimensions						Magnetic Core Constants			
	OD		ID		HT		C_1	l_e	A_e	V_e
	[in]	[mm]	[in]	[mm]	[in]	[mm]	[mm ⁻¹]	[mm]	[mm ²]	[mm ³]
T100505T	0.099	2.5	0.050	1.3	0.048	1.2	7.59	5.51	0.73	3.99
T120708T	0.120	3.0	0.070	1.8	0.078	2.0	5.95	7.23	1.21	8.78
T130703T	0.135	3.4	0.071	1.8	0.033	0.8	11.91	7.68	0.64	4.95
T130705T	0.135	3.4	0.071	1.8	0.048	1.2	8.13	7.68	0.94	7.25
T130707T	0.135	3.4	0.071	1.8	0.068	7.7	5.72	7.68	1.34	10.31
T150706T	0.155	3.9	0.074	1.9	0.058	1.5	5.82	8.35	1.44	11.99
T160908T	0.158	4.0	0.090	2.3	0.078	2.0	5.68	9.39	1.65	15.52
T190603T	0.195	5.0	0.062	1.6	0.035	0.9	6.23	8.31	1.34	11.10
T231212T	0.229	5.8	0.120	3.0	0.118	3.0	3.25	13.00	3.99	51.93
T251510T	0.250	6.4	0.152	3.9	0.098	2.5	5.10	15.40	3.02	46.52
T301219T	0.300	7.6	0.125	3.2	0.188	4.8	1.51	14.97	9.93	148.72
T351712T	0.350	8.9	0.170	4.3	0.118	3.0	2.91	19.05	6.54	124.49
T371819T	0.375	9.5	0.187	4.7	0.188	4.8	1.90	20.71	10.93	226.29

Designation	Material	A_L value [nH]	Permeability	Application	CMI Part Number
T100505TC	CMD5005	250 ± 20%	1500	CMC, CATV Amplifier	080721-03
	MN60F	830 ± 25%	5000	Coupling Transformer	080485-03
	MC25	1650 ± 30%	10000	Broad Band Transformer	080723-03
T120708TC	BT100	1060 ± 25%	5000	LAN (100 Base Tx)	080686-03
T130703TC	CMD5005	160 ± 20%	1500	CMC	080687-03
T130705TC	CN20	125 ± 20%	800	CMC, CATV Amplifier	080432-03
T130707TC	BT100	1100 ± 25%	5000	LAN (100 Base Tx)	080601-03
T150706TC	BT100	1080 ± 25%	5000	LAN (100 Base Tx)	080688-03
	MC15K	3240 ± 30%	15000	ISDN, Broad Band Transformer	080689-03
T160908TC	BT100	1100 ± 25%	5000	LAN (100 Base Tx)	080690-03
T190603TC	BT100	1025 ± 25%	5000	PCMCIA LAN (100 Base Tx)	080691-03
T231212TC	MC25B	2900 ± 30%	7500	Coupling Transformer, LAN	080214-03
	MC25	3900 ± 30%	10000	ISDN, Broad Band Transformer	080722-03
T251510TC	MC25	2470 ± 30%	10000	ISDN, Broad Band Transformer	020831-03
T301219TC	MC25	8340 ± 30%	10000	ISDN, Broad Band Transformer	080692-03
T351712TC	MC15K	6460 ± 30%	15000	ISDN	080693-03
T371819TC	MC15K	9940 ± 30%	15000	ISDN	080694-03