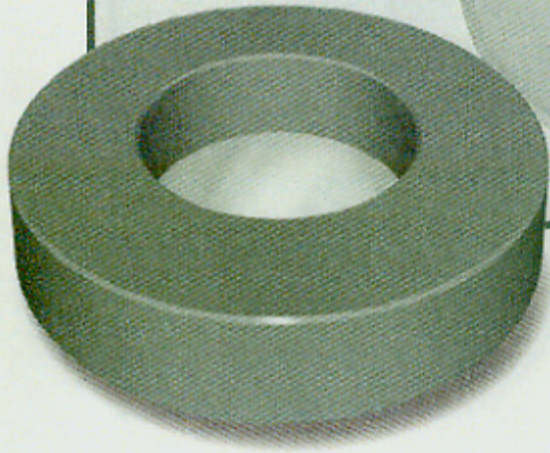


OD 127

OD 12.70mm / 0.500inch

ID 7.62mm
HT 4.75mm



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	12.70	7.62	4.75
	(inch)	0.500	0.300	0.187
After coating (Epoxy)	(mm)	13.46	6.99	5.51
	(inch)	0.530	0.275	0.217

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
0.114cm ²	3.12cm	0.383m ²	0.35568cm ³
0.01767in ²	1.229in	75,600cmil	0.02172in ³

Available Cores

MPP	Part No.		AL (nH/N ²)	Perm. (μ)
	High Flux	Sendust		
CM127026	CH127026	-	12	26
CM127060	CH127060	CS127060	27	60
		CS127075	34	75
		CS127090	40	90
CM127125	CH127125	CS127125	56	125
CM127147	CH127147	-	67	147
CM127160	CH127160	-	72	160
CM127173	-	-	79	173
CM127200	-	-	90	200

Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
15	0.153	10	0.00271	24	0.0566	31	0.0518
16	0.137	11	0.00376	25	0.0505	35	0.0723
17	0.122	13	0.00520	26	0.0452	40	0.101
18	0.109	15	0.00722	27	0.0409	45	0.140
19	0.0980	17	0.0100	28	0.0366	50	0.197
20	0.0879	19	0.0139	29	0.0330	56	0.269
21	0.0785	22	0.0193	30	0.0294	63	0.381
22	0.0701	25	0.0270	31	0.0267	69	0.527
23	0.0632	28	0.0371	32	0.0241	77	0.716

Single layer winding with 1 inch leads

AL vs NI Curve (60μ, 125μ)

