

OD 102

OD 10.16mm / 0.400inch

ID 5.08mm
HT 3.96mm



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	10.16	5.08	3.96
	(inch)	0.400	0.200	0.156
After coating (Epoxy)	(mm)	10.80	4.57	4.57
	(inch)	0.425	0.180	0.180

Magnetic Dimensions

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)
0.1000cm ²	2.38cm	0.164m ²	0.2380cm ³
0.01550in ²	0.906in	32,400cmil	0.0140in ³

Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc,Ω	No.	Dia.(cm)	Turns	Rdc,Ω
18	0.109	9	0.00442	27	0.0409	28	0.0846
19	0.0980	10	0.00613	28	0.0366	32	0.119
20	0.0879	12	0.00847	29	0.0330	35	0.162
21	0.0785	13	0.0118	30	0.0294	40	0.230
22	0.0701	15	0.0164	31	0.0267	44	0.317
23	0.0632	17	0.0226	32	0.0241	49	0.430
24	0.0566	20	0.0315	33	0.0216	55	0.605
25	0.0505	22	0.0439	34	0.0191	62	0.862
26	0.0452	25	0.0614	35	0.0170	70	1.21

Single layer winding with 1 inch leads

Available Cores

Part No.				AL (nH/N ²)	Perm. (μ)
MPP	High Flux	Sendust	Mega Flux		
CM102026	CH102026	-	-	14	26
CM102060	CH102060	CS102060	CK102060	32	60
-	-	CS102075	CK102075	40	75
-	-	CS102090	CK102090	48	90
CM102125	CH102125	CS102125	-	66	125
CM102147	CH102147	-	-	78	147
CM102160	CH102160	-	-	84	160
CM102173	-	-	-	92	173
CM102200	-	-	-	105	200

AL vs NI Curve (60μ, 125μ)

