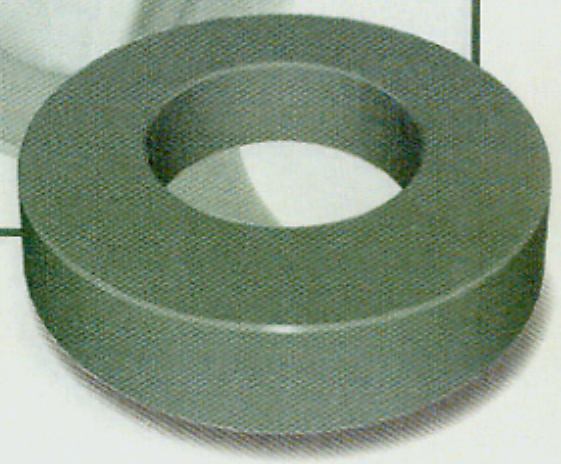
OD 166

OD 16.51mm / 0.650inch

ID 10.16mm
HT 6.35mm



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	16.51	10.16	6.35
	(inch)	0.650	0.400	0.250
After coating	(mm)	17.40	9.53	7.11
(Epoxy)	(inch)	0.680	0.375	0.280

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
0.1920cm²	4.11cm	0.713cm²	0.7891cm³
0.0298in²	1.619in	140,600cmil	0.0483in³

Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	10	0.00165	21	0.0785	31	0.0323
13	0.190	11	0.00230	22	0.0701	35	0.0453
14	0.171	13	0.00318	23	0.0632	39	0.0626
15	0.153	15	0.00443	24	0.0566	44	0.0876
16	0.137	17	0.00617	25	0.0505	49	0.123
17	0.122	19	0.00856	26	0.0452	55	0.172
18	0.109	21	0.0119	27	0.0409	62	0.239
19	0.0980	24	0.0166	28	0.0366	69	0.336
20	0.0879	27	0.0231	29	0.0330	77	0.460

Single layer winding with 1 inch leads

Available Cores

Part No.			AL (nH/N²)	Perm. (μ)
MPP	High Flux	Sendust		
CM166026	CH166026	–	15	26
CM166060	CH166060	CS166060	35	60
–	–	CS166075	43	75
–	–	CS166090	52	90
CM166125	CH166125	CS166125	72	125
CM166147	CH166147	–	88	147
CM166160	CH166160	–	92	160
CM166173	–	–	104	173
CM166200	–	–	115	200

AL vs NI Curve(60μ, 125μ)