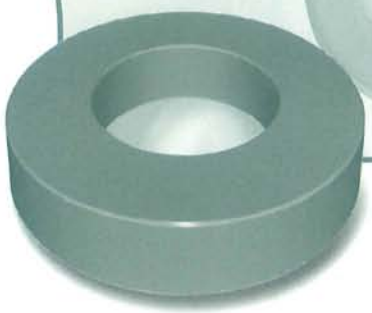
OD 740

OD 74.1mm / 2.917inch

ID 45.3mm
HT 35.0mm



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	74.1	45.3	35.0
	(inch)	2.917	1.783	1.378
After coating	(mm)	75.2	44.07	36.27
(Epoxy)	(inch)	2.961	1.735	1.428

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
5.040cm²	18.38cm	15.25cm²	92.64cm³
0.781in²	7.24in	3,009,310cmil	5.653in³

Available Cores

Part No.				A_L (nH/N²)	Perm. (μ)
MPP	High Flux	Sendust	Mega Flux		
CM740026	CH740026	CS740026	CK740026	89	26
CM740060	CH740060	CS740060	CK740060	206	60
–	–	CS740075	CK740075	257	75
–	–	CS740090	CK740090	309	90
CM740125	CH740125	CS740125	–	429	125
–	–	–	–	–	147
–	–	–	–	–	160
–	–	–	–	–	173
–	–	–	–	–	200

Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc,Ω	No.	Dia.(cm)	Turns	Rdc,Ω
10	0.267			19	0.0980		
11	0.238			20	0.0879		
12	0.213			21	0.0785		
13	0.190			22	0.0701		
14	0.171	N · A		23	0.0632	N · A	
15	0.153			24	0.0566		
16	0.137			25	0.0505		
17	0.122			26	0.0452		
18	0.109			27	0.0409		

Single layer winding with 1 inch leads

A_L vs NI Curve(60μ,125μ)