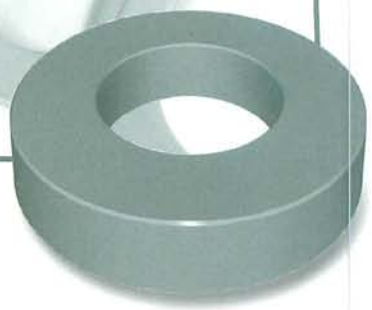
OD 343

OD 34.29mm / 1.350inch

ID 23.37mm
HT 8.89mm



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	34.29	23.37	8.89
	(inch)	1.350	0.920	0.350
After coating	(mm)	35.20	22.60	9.83
(Epoxy)	(inch)	1.385	0.888	0.387

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
0.454cm²	8.95cm	4.01cm²	4.0633cm³
0.0704in²	3.53in	788,500cmil	0.2485in³

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	27	0.00533	21	0.0785	77	0.105
13	0.190	30	0.00740	22	0.0701	87	0.148
14	0.171	34	0.0102	23	0.0632	96	0.206
15	0.153	38	0.0143	24	0.0566	108	0.288
16	0.137	43	0.0199	25	0.0505	121	0.404
17	0.122	49	0.0277	26	0.0452	135	0.569
18	0.109	55	0.0388	27	0.0409	150	0.789
19	0.0980	61	0.0541	28	0.0366	168	1.11
20	0.0879	69	0.0754	29	0.0330	186	1.53

Single layer winding with 1 inch leads

Available Cores

Part No.				A_L (nH/N²)	Perm. (μ)
MPP	High Flux	Sendust	Mega Flux		
CM343026	CH343026	CS343026	CK343026	16	26
CM343060	CH343060	CS343060	CK343060	38	60
–	–	CS343075	CK343075	47	75
–	–	CS343090	CK343090	57	90
CM343125	CH343125	CS343125	–	79	125
CM343147	CH343147	–	–	93	147
CM343160	CH343160	–	–	101	160
CM343173	–	–	–	109	173
–	–	–	–	126	200

A_L vs NI Curve(60μ, 125μ)