

# OD 358

## OD 35.81mm / 1.410inch

**ID 22.35mm**  
**HT 10.46mm**



### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	35.81	22.35	10.46
	(inch)	1.410	0.880	0.412
After coating (Epoxy)	(mm)	36.70	21.50	11.28
	(inch)	1.445	0.848	0.444

### Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
0.678cm <sup>2</sup>	8.98cm	3.64cm <sup>2</sup>	6.0884cm <sup>3</sup>
0.1051in <sup>2</sup>	3.54in	719,100cmil	0.3721in <sup>3</sup>

### Available Cores

MPP	Part No.			AL (nH/N <sup>2</sup> )	Perm. (μ)
	High Flux	Sendust	Mega Flux		
CM358026	CH358026	CS358026	CK358026	24	26
CM358060	CH358060	CS358060	CK358060	56	60
-	-	CS358075	CK358075	70	75
-	-	CS358090	CK358090	84	90
CM358125	CH358125	CS358125	-	117	125
CM358147	CH358147	-	-	138	147
CM358160	CH358160	-	-	150	160
CM358173	-	-	-	162	173
-	-	-	-	187	200

### 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	25	0.00579	21	0.0785	74	0.117
13	0.190	29	0.00809	22	0.0701	82	0.166
14	0.171	32	0.0112	23	0.0632	92	0.229
15	0.153	37	0.0157	24	0.0566	103	0.322
16	0.137	41	0.0220	25	0.0505	115	0.452
17	0.122	46	0.0306	26	0.0452	129	0.637
18	0.109	52	0.0429	27	0.0409	143	0.885
19	0.0980	58	0.0600	28	0.0366	160	1.25
20	0.0879	65	0.0837	29	0.0330	177	1.71

Single layer winding with 1 inch leads

### AL vs NI Curve (60μ, 125μ)

