

# OD 063

## OD 6.35mm / 0.250inch

ID 2.79mm  
HT 2.79mm



### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.35	2.79	2.79
	(inch)	0.250	0.110	0.110
After coating (Epoxy)	(mm)	6.99	2.29	3.43
	(inch)	0.275	0.090	0.135

### Magnetic Dimensions

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)
0.0470 cm <sup>2</sup>	1.361cm	0.0412cm <sup>2</sup>	0.064219cm <sup>3</sup>
0.00729 in <sup>2</sup>	0.536in	8,100cmil	0.003919in <sup>3</sup>

### Available Cores

MPP	Part No.			AL (nH/N <sup>2</sup> )	Perm. (μ)
	High Flux	Sendust	Mega Flux		
-	-	-	-	-	26
CM063060	CH063060	CS063060	CK063060	24	60
		CS063075	CK063075	30	75
-	-	CS063090	CK063090	36	90
		CS063125	-	50	125
CM063147	CH063147	-	-	59	147
CM063160	CH063160	-	-	64	160
CM063173	-	-	-	69	173
CM063200	-	-	-	80	200

### Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc,Ω	No.	Dia.(cm)	Turns	Rdc,Ω
24	0.0566	8	0.0132	33	0.0216	26	0.238
25	0.0505	10	0.0183	34	0.0191	30	0.337
26	0.0452	11	0.0253	35	0.0170	34	0.470
27	0.0409	13	0.0346	36	0.0152	38	0.650
28	0.0366	14	0.0482	37	0.0140	42	0.880
29	0.0330	16	0.0653	38	0.0124	47	1.24
30	0.0294	19	0.0918	39	0.0109	54	1.82
31	0.0267	21	0.126	40	0.0096	61	2.59
32	0.0241	23	0.170	41	0.00863	68	3.50

Single layer winding with 1 inch leads

### AL vs NI Curve(60μ, 125μ)

