

# OD035

OD 3.56mm / 0.140inch



ID 1.78mm  
HT 1.52mm

## Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	3.56	1.78	1.52
	(inch)	0.140	0.070	0.060
After coating (parlyene-C)	(mm)	3.76	1.58	1.72
	(inch)	0.148	0.062	0.068

## Magnetic Dimensions

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)
0.0137cm <sup>2</sup>	0.817cm	0.018cm <sup>2</sup>	0.010746cm <sup>3</sup>
0.002in <sup>2</sup>	0.317in	3,600cmil	0.000656in <sup>3</sup>

## Available Cores

MPP	Part No.			AL (nH/N <sup>2</sup> )	Perm. (μ)
	High Flux	Sendust	Mega Flux®		
-	-	-	-	-	26
CM035060	CH035060	CS035060	CK035060	13	60
-	-	CS035075	CK035075	16	75
-	-	CS035090	CK035090	19	90
CM035125	CH035125	CS035125	-	26	125
CM035147	-	-	-	31	147
CM035160	-	-	-	33	160
-	-	-	-	-	173
-	-	-	-	-	200

## Winding Information

AWG Wire No.	Dia(cm)	Single Layer		AWG Wire No.	Dia(cm)	Single Layer	
		Turn	Rdc,Ω			Turn	Rdc,Ω
28	0.0366	9	0.0237	37	0.0140	27	0.363
29	0.0330	10	0.0314	38	0.0124	30	0.503
30	0.0294	11	0.0431	39	0.0199	35	0.727
31	0.0267	13	0.0581	40	0.0096	40	1.02
32	0.0241	14	0.0768	41	0.00863	44	1.37
33	0.0216	16	0.105	42	0.00762	50	1.90
34	0.0191	19	0.146	43	0.00685	56	2.67
35	0.0170	21	0.200	44	0.00635	60	3.45
36	0.0152	24	0.272				

Single layer winding with 1 inch leads

## AL vs NI Curve (125μ)

