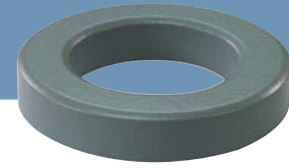


OD 035

ID 1.78mm
HT 1.52mm



Core dimensions and Physical specifications

Before Coating			After Coating			Physical specifications			
OD, max	ID, min	HT, max	OD, max	ID, min	HT, max	Cross Section (Ae)	Path Length (le)	Window Area (Wa)	Volume (V)
3.56mm	1.78mm	1.52mm	3.94mm	1.52mm	1.96mm	0.0137cm ²	0.817cm	0.0181cm ²	0.0112cm ³
0.14in	0.07in	0.06in	0.155in	0.06in	0.077in	0.002in ²	0.322in	4000cmil	0.001in ³

Core Part Number

Permeability (μ)	A_L (nH/N ²)	Part Number				DC Resistance (Rdc) per Inductance (Ω /mH)
		MPP	High Flux	Sendust	SFlux	
26	-	-	-	-	-	23.0286
60	13	OR035M060	OR035H060	OR035S060	OR035F060	9.9791
75	16	-	-	OR035S075	-	7.9833
90	19	-	-	OR035S090	OR035F090	6.6527
125	26	OR035M125	OR035H125	OR035S125	-	4.7900
147	31	OR035M147	-	-	-	4.0731
160	33	OR035M160	-	-	-	3.7422
173	-	-	-	-	-	3.4610
200	-	-	-	-	-	2.9937

Winding Information

AWG wire		Single layer		AWG wire		Single layer		AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
29	0.033	11	0.0174	35	0.017	24	0.1550	41	0.009	52	1.3400
30	0.030	13	0.0263	36	0.015	28	0.2270	42	0.008	59	1.9100
31	0.027	14	0.0357	37	0.014	31	0.3100	43	0.007	66	2.7600
32	0.024	16	0.0506	38	0.012	35	0.4420	44	0.006	72	3.6400
33	0.022	18	0.0723	39	0.011	40	0.6610	45	0.005	84	4.7800
34	0.019	21	0.1070	40	0.010	46	0.9600	46	0.005	92	7.5500

A_L value vs. DC Bias characteristics

