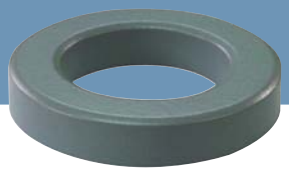
OD 063

ID 2.79mm
HT 2.79mm



Core dimensions and Physical specifications

Before Coating			After Coating			Physical specifications			
						Cross Section	Path Length	Window Area	Volume
OD, max	ID, min	HT, max	OD, max	ID, min	HT, max	(Ae)	(le)	(Wa)	(V)
6.35mm	2.79mm	2.79mm	6.99mm	2.29mm	3.34mm	0.047cm^2	1.361cm	0.0412cm^2	0.064cm^3
0.25in	0.11in	0.11in	0.275in	0.09in	0.131in	0.007in^2	0.536in	8000cmil	0.004in^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	-	-	-	-	-	9.9112
60	24	OR063M060	OR063H060	OR063S060	OR063F060	4.2948
75	30	-	-	OR063S075	-	3.4359
90	36	-	-	OR063S090	OR063F090	2.8632
125	50	OR063M125	OR063H125	OR063S125	-	2.0615
147	59	OR063M147	-	-	-	1.7530
160	64	OR063M160	-	-	-	1.6106
173	-	-	-	-	-	1.4895
200	-	-	-	-	-	1.2885

Winding Information

AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, Ω
26	0.045	12	0.0186
27	0.041	14	0.0273
28	0.037	16	0.0395
29	0.033	18	0.0554
30	0.030	21	0.0828
31	0.027	23	0.1140

AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, Ω
32	0.024	26	0.1600
33	0.022	30	0.2350
34	0.019	34	0.3360
35	0.017	38	0.4770
36	0.015	44	0.6910
37	0.014	48	0.9310

AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, Ω
38	0.012	54	1.3300
39	0.011	62	1.9900
40	0.010	71	2.8700
41	0.009	80	4.0000
42	0.008	91	5.7200
43	0.007	101	8.1900

A_L value vs. DC Bias characteristics