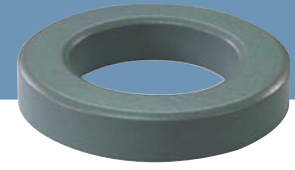


OD 127

ID 7.62mm
HT 4.75mm



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)
12.7mm	7.62mm	4.75mm	13.46mm	6.99mm	5.51mm	0.114cm ²	3.12cm	0.3837cm ²	0.3557cm ³
0.5in	0.3in	0.187in	0.53in	0.275in	0.217in	0.018in ²	1.228in	76000cmil	0.022in 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	12	OR127M026	OR127H026	OR127S026	-	1.4701
60	27	OR127M060	OR127H060	OR127S060	OR127F060	0.6371
75	34	-	-	OR127S075	-	0.5096
90	40	-	-	OR127S090	OR127F090	0.4247
125	56	OR127M125	OR127H125	OR127S125	-	0.3058
147	67	OR127M147	OR127H147	-	-	0.2600
160	72	OR127M160	OR127H160	-	-	0.2389
173	79	OR127M173	OR127H173	-	-	0.2209
200	90	OR127M200	OR127H200	-	-	0.1911

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
16	0.137	12	0.0028	22	0.070	28	0.0260	28	0.037	56	0.2100
17	0.122	14	0.0041	23	0.063	31	0.0362	9	0.033	63	0.2930
18	0.110	16	0.0059	24	0.057	35	0.0516	30	0.030	71	0.4340
19	0.098	19	0.0088	25	0.051	40	0.0744	31	0.027	79	0.5940
20	0.088	21	0.0122	26	0.045	45	0.1060	32	0.024	87	0.8090
21	0.079	24	0.0176	27	0.041	50	0.1480	33	0.022	98	1.1600

A_L value vs. DC Bias characteristics

