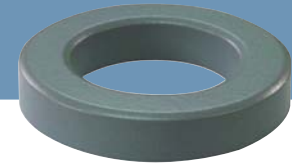


OD 166

ID 10.16mm
HT 6.35mm



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)
16.51mm	10.16mm	6.35mm	17.4mm	9.53mm	7.11mm	0.192cm ²	4.11cm	0.7133cm ²	0.7891cm ³
0.65in	0.4in	0.25in	0.685in	0.375in	0.28in	0.03in ²	1.618in	141000cmil	0.048in 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	15	OR166M026	OR166H026	OR166S026	-	0.7690
60	35	OR166M060	OR166H060	OR166S060	OR166F060	0.3333
75	43	-	-	OR166S075	-	0.2666
90	52	-	-	OR166S090	OR166F090	0.2222
125	72	OR166M125	OR166H125	OR166S125	-	0.1600
147	88	OR166M147	OR166H147	-	-	0.1360
160	92	OR166M160	OR166H160	-	-	0.1250
173	104	OR166M173	OR166H173	-	-	0.1156
200	115	OR166M200	OR166H200	-	-	0.1000

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
13	0.190	12	0.0017	19	0.098	27	0.0157	25	0.051	56	0.1310
14	0.171	14	0.0025	20	0.088	30	0.0219	26	0.045	63	0.1890
15	0.153	16	0.0037	21	0.079	34	0.0314	27	0.041	70	0.2600
16	0.137	18	0.0052	22	0.070	39	0.0455	28	0.037	78	0.3680
17	0.122	21	0.0077	23	0.063	44	0.0644	29	0.033	87	0.5100
18	0.110	24	0.0111	24	0.057	49	0.0906	30	0.030	98	0.7350

A_L value vs. DC Bias characteristics

