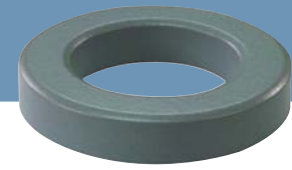


OD 112

ID 6.35mm
HT 3.96mm



» 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)
11.18mm	6.35mm	3.96mm	11.9mm	5.89mm	4.72mm	0.0906cm ²	2.69cm	0.2725cm ²	0.2437cm ³
0.44in	0.25in	0.156in	0.469in	0.232in	0.186in	0.014in ²	1.059in	54000cmil	0.015in 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	11	OR112M026	OR112H026	OR112S026	-	1.9713
60	26	OR112M060	OR112H060	OR112S060	OR112F060	0.8542
75	32	-	-	OR112S075	-	0.6834
90	38	-	-	OR112S090	OR112F090	0.5695
125	53	OR112M125	OR112H125	OR112S125	-	0.4100
147	63	OR112M147	OR112H147	-	-	0.3487
160	68	OR112M160	OR112H160	-	-	0.3203
173	74	OR112M173	OR112H173	-	-	0.2963
200	85	OR112M200	OR112H200	-	-	0.2563

» 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	10	0.0020	22	0.070	23	0.0188	28	0.037	47	0.1550
17	0.122	11	0.0028	23	0.063	26	0.0268	29	0.033	52	0.2140
18	0.110	13	0.0042	24	0.057	29	0.0378	30	0.030	59	0.3110
19	0.098	15	0.0061	25	0.051	33	0.0543	31	0.027	66	0.4380
20	0.088	17	0.0087	26	0.045	37	0.0770	32	0.024	73	0.6000
21	0.079	20	0.0130	27	0.041	42	0.1090	33	0.022	82	0.8560

» A_L value vs. DC Bias characteristics

