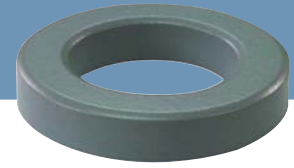


# OD 102

ID 5.08mm  
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)
10.16mm	5.08mm	3.96mm	10.8mm	4.57mm	4.57mm	0.1cm <sup>2</sup>	2.38cm	0.164cm <sup>2</sup>	0.238cm <sup>3</sup>
0.4in	0.2in	0.156in	0.425in	0.18in	0.18in	0.016in <sup>2</sup>	0.937in	32000cmil	0.015in <sup>3</sup>

## » Core Part Number

Permeability (μ)	A <sub>L</sub> (nH/N <sup>2</sup> )	Part Number				DC Resistance (Rdc) per Inductance (Ω /mH)
		MPP	High Flux	Sendust	SFlux	
26	14	OR102M026	OR102H026	OR102S026	-	2.4257
60	32	OR102M060	OR102H060	OR102S060	OR102F060	1.0511
75	40	-	-	OR102S075	-	0.8409
90	48	-	-	OR102S090	OR102F090	0.7008
125	66	OR102M125	OR102H125	OR102S125	-	0.5045
147	78	OR102M147	OR102H147	-	-	0.4290
160	84	OR102M160	OR102H160	-	-	0.3942
173	92	OR102M173	OR102H173	-	-	0.3646
200	105	OR102M200	OR102H200	-	-	0.3153

## » 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
20	0.088	13	0.0066	26	0.045	28	0.0579	32	0.024	56	0.4570
21	0.079	15	0.0097	27	0.041	31	0.0804	33	0.022	63	0.6540
22	0.070	17	0.0139	28	0.037	36	0.1190	34	0.019	72	0.9470
23	0.063	19	0.0195	29	0.033	40	0.1640	35	0.017	81	1.3500
24	0.057	22	0.0285	30	0.030	45	0.2360	36	0.015	91	1.9000
25	0.051	25	0.0408	31	0.027	50	0.3300	37	0.014	99	2.5600

## » A<sub>L</sub> value vs. DC Bias characteristics

