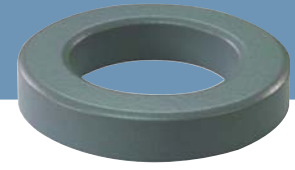


OD 172

ID 9.65mm
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	Path Length	Window Area	Volume
17.27mm	9.65mm	6.35mm	18.03mm	9.02mm	7.11mm	(Ae)	(le)	(Wa)	(V)
0.68in	0.38in	0.25in	0.71in	0.355in	0.28in	0.232cm ²	4.14cm	0.639cm ²	0.9605cm ³
						0.036in ²	1.63in	126000cmil	0.059in 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	19	OR172M026	OR172H026	OR172S026	-	0.7918
60	43	OR172M060	OR172H060	OR172S060	OR172F060	0.3431
75	53	-	-	OR172S075	-	0.2745
90	64	-	-	OR172S090	OR172F090	0.2287
125	89	OR172M125	OR172H125	OR172S125	-	0.1647
147	105	OR172M147	OR172H147	-	-	0.1400
160	114	OR172M160	OR172H160	-	-	0.1287
173	123	OR172M173	OR172H173	-	-	0.1190
200	142	OR172M200	OR172H200	-	-	0.1029

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	11	0.0017	19	0.098	25	0.0154	25	0.051	52	0.0902
14	0.171	13	0.0025	20	0.088	29	0.0224	26	0.045	59	0.1290
15	0.153	15	0.0036	21	0.079	32	0.0215	27	0.041	66	0.1850
16	0.137	17	0.0052	22	0.070	37	0.0313	28	0.037	74	0.2590
17	0.122	19	0.0073	23	0.063	41	0.0457	29	0.033	82	0.3690
18	0.110	22	0.0107	24	0.057	46	0.0635	30	0.030	92	0.5080

A_L value vs. DC Bias characteristics

