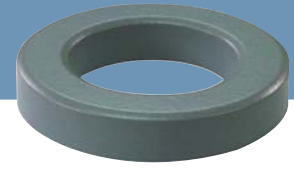


OD 270

ID 14.73mm
HT 11.18mm



» 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)
26.92mm	14.73mm	11.18mm	27.7mm	14.1mm	11.99mm	0.654cm ²	6.35cm	1.56cm ²	4.1529cm ³
1.06in	0.58in	0.44in	1.091in	0.555in	0.472in	0.101in ²	2.5in	308000cmil	0.253in 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	32	OR270M026	OR270H026	OR270S026	-	0.2364
60	75	OR270M060	OR270H060	OR270S060	OR270F060	0.1024
75	94	-	-	OR270S075	-	0.0819
90	113	-	-	OR270S090	OR270F090	0.0683
125	157	OR270M125	OR270H125	OR270S125	-	0.0492
147	185	OR270M147	OR270H147	-	-	0.0418
160	201	OR270M160	OR270H160	-	-	0.0384
173	217	OR270M173	OR270H173	-	-	0.0355
200	251	OR270M200	OR270H200	-	-	0.0307

» 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
9	0.298	11	0.0011	15	0.153	25	0.0098	21	0.079	53	0.0835
10	0.267	13	0.0016	16	0.137	29	0.0144	22	0.070	60	0.1200
11	0.238	15	0.0023	17	0.122	33	0.0203	23	0.063	66	0.1650
12	0.213	17	0.0033	18	0.110	37	0.0291	24	0.057	75	0.2370
13	0.190	20	0.0049	19	0.098	42	0.0416	25	0.051	84	0.3350
14	0.171	22	0.0069	20	0.088	47	0.0587	26	0.045	94	0.4760

» A_L value vs. DC Bias characteristics

