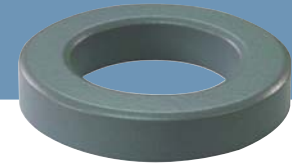


OD 508

ID 31.75mm
HT 13.46mm



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)
50.8mm	31.75mm	13.46mm	51.7mm	30.9mm	14.35mm	1.25cm ²	12.73cm	7.5cm ²	15.9125cm ³
2in	1.25in	0.53in	2.035in	1.217in	0.565in	0.194in ²	5.012in	1480000cmil	0.971in 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	OR508M026	OR508H026	OR508S026	-	0.0752
60	73	OR508M060	OR508H060	OR508S060	OR508F060	0.0326
75	91	-	-	OR508S075	-	0.0261
90	109	-	-	OR508S090	OR508F090	0.0217
125	152	OR508M125	OR508H125	OR508S125	-	0.0156
147	179	OR508M147	-	-	-	0.0133
160	195	OR508M160	-	-	-	0.0122
173	-	-	-	-	-	0.0113
200	-	-	-	-	-	0.0098

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
8	0.334	25	0.0025	14	0.171	53	0.0217	20	0.088	107	0.1760
9	0.298	29	0.0037	15	0.153	60	0.0310	21	0.079	120	0.2500
10	0.267	33	0.0053	16	0.137	67	0.0437	22	0.070	135	0.3540
11	0.238	37	0.0075	17	0.122	76	0.0622	23	0.063	150	0.4940
12	0.213	42	0.0108	18	0.110	85	0.0882	24	0.057	168	0.7010
13	0.190	47	0.0153	19	0.098	95	0.1210	25	0.051	188	0.9890

A_L value vs. DC Bias characteristics

