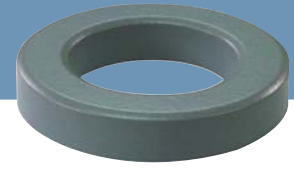


OD 046

ID 2.36mm
HT 2.54mm



» 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)
4.65mm	2.36mm	2.54mm	5.21mm	1.93mm	3.3mm	0.0285cm ²	1.06cm	0.0293cm ²	0.0302cm ³
0.183in	0.093in	0.1in	0.205in	0.076in	0.13in	0.004in ²	0.417in	6000cmil	0.002in 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	-	-	-	-	-	13.1994
60	20	OR046M060	OR046H060	OR046S060	OR046F060	5.7197
75	25	-	-	OR046S075	-	4.5758
90	30	-	-	OR046S090	OR046F090	3.8132
125	42	OR046M125	OR046H125	OR046S125	-	2.7455
147	49	OR046M147	-	-	-	2.3346
160	53	OR046M160	-	-	-	2.1449
173	-	-	-	-	-	1.9837
200	-	-	-	-	-	1.7159

» 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
27	0.041	11	0.0183	33	0.022	24	0.1600	39	0.011	52	1.4300
28	0.037	13	0.0275	34	0.019	28	0.2370	40	0.010	59	2.0500
29	0.033	15	0.0395	35	0.017	32	0.3430	41	0.009	67	2.8600
30	0.030	17	0.0572	36	0.015	36	0.4840	42	0.008	76	4.0800
31	0.027	19	0.0807	37	0.014	40	0.6640	43	0.007	85	5.9000
32	0.024	22	0.1150	38	0.012	45	0.9440	44	0.006	92	7.7200

» A_L value vs. DC Bias characteristics

