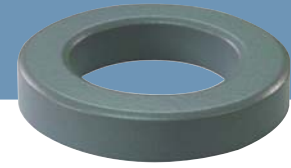


# OD 097

ID 4.78mm  
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)
9.65mm	4.78mm	3.96mm	10.29mm	4.27mm	4.57mm	0.0945cm <sup>2</sup>	2.18cm	0.1432cm <sup>2</sup>	0.206cm <sup>3</sup>
0.38in	0.188in	0.156in	0.405in	0.168in	0.18in	0.015in <sup>2</sup>	0.858in	28000cmil	0.013in <sup>3</sup>

## » Core Part Number

Permeability( $\mu$ )	$A_L$ (nH/N <sup>2</sup> )	Part Number				DC Resistance(Rdc) per Inductance( $\Omega$ /mH)
		MPP	High Flux	Sendust	SFlux	
26	14	OR097M026	OR097H026	OR097S026	-	2.7485
60	32	OR097M060	OR097H060	OR097S060	OR097F060	1.1910
75	40	-	-	OR097S075	-	0.9528
90	48	-	-	OR097S090	OR097F090	0.7940
125	66	OR097M125	OR097H125	OR097S125	-	0.5717
147	78	OR097M147	OR097H147	-	-	0.4861
160	84	OR097M160	OR097H160	-	-	0.4466
173	92	OR097M173	OR097H173	-	-	0.4131
200	105	OR097M200	OR097H200	-	-	0.3573

## » Winding Information

AWG wire		Single layer		AWG wire		Single layer		AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
20	0.088	12	0.0061	26	0.045	26	0.0531	32	0.024	52	0.4200
21	0.079	13	0.0083	27	0.041	29	0.0743	33	0.022	58	0.5940
22	0.070	15	0.0120	28	0.037	33	0.1070	34	0.019	67	0.8710
23	0.063	18	0.0182	29	0.033	37	0.1500	35	0.017	75	1.2400
24	0.057	20	0.0256	30	0.030	42	0.2170	36	0.015	84	1.7400
25	0.051	23	0.0371	31	0.027	47	0.3070	37	0.014	92	2.3400

## » $A_L$ value vs. DC Bias characteristics

