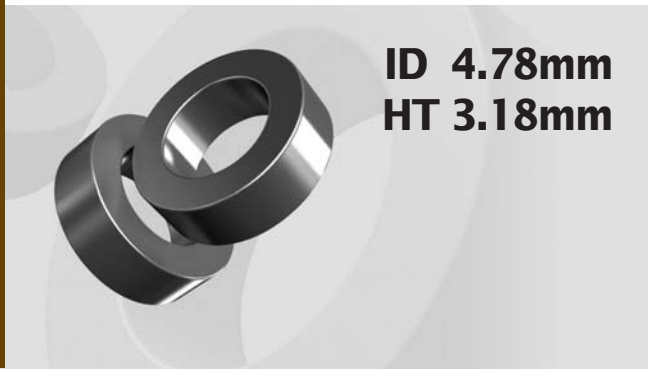
OD096

OD 9.65mm / 0.380inch



ID 4.78mm
HT 3.18mm

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	9.65	4.78	3.18
	(inch)	0.380	0.188	0.125
After coating (parylene-C)	(mm)	10.29	4.27	3.81
	(inch)	0.405	0.168	0.150

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)
0.0752cm²	2.18cm	0.1429cm²	0.1639cm³
0.01166in²	0.859in	28,200cmil	0.0100in³

Available Cores

Part No.				A_L	Perm.
MPP	High Flux	Sendust	Mega Flux®	(nH/N²)	(μ)
CM096026	CH096026	-	-	11	26
CM096060	CH096060	CS096060	CK096060	25	60
-	-	CS096075	CK096075	32	75
-	-	CS096090	CK096090	38	90
CM096125	CH096125	CS096125	-	53	125
CM096147	CH096147	-	-	63	147
CM096160	CH096160	-	-	68	160
CM096173	-	-	-	74	173
CM096200	-	-	-	84	200

Winding Information

AWG Wire No.	Dia(cm)	Single Layer Turn	Rdc,Ω	AWG Wire No.	Dia(cm)	Single Layer Turn	Rdc,Ω
19	0.0980	9	0.0053	28	0.0366	29	0.100
20	0.0879	11	0.0073	29	0.0330	33	0.136
21	0.0785	12	0.0101	30	0.0294	37	0.193
22	0.0701	14	0.0141	31	0.0267	41	0.266
23	0.0632	16	0.0193	32	0.0241	46	0.360
24	0.0566	18	0.0268	33	0.0216	51	0.505
25	0.0505	21	0.0372	34	0.0191	58	0.719
26	0.0452	23	0.0519	35	0.0170	65	1.01
27	0.0409	26	0.0714	36	0.0152	73	1.40

Single layer winding with 1 inch leads

■ A_L vs NI Curve (60μ, 125μ)