

OD068

OD 6.86mm / 0.270inch



ID 3.96mm
HT 5.08mm

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.86	3.96	5.08
	(inch)	0.270	0.156	0.200
After coating (parlylene-C)	(mm)	7.62	3.45	5.72
	(inch)	0.300	0.136	0.225

Magnetic Dimensions

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)
0.0725cm ²	1.65cm	0.0934cm ²	0.126009cm ³
0.01124in ²	0.650in	18,500cmil	0.007693in ³

Available Cores

MPP	Part No.			AL (mH/N ²)	Perm. (μ)
	High Flux	Sendust	Mega Flux®		
CM068026	CH068026	-	-	14	26
CM068060	CH068060	CS068060	CK068060	33	60
		CS068075	CK068075	42	75
		CS068090	CK068090	50	90
CM068125	CH068125	CS068125	-	70	125
CM068147	CH068147	-	-	81	147
CM068160	CH068160	-	-	89	160
CM068173	-	-	-	95	173
CM068200	-	-	-	112	200

Winding Information

AWG Wire No.	Single Layer Dia(cm)	Turn	Rdc,Ω	AWG Wire No.	Single Layer Dia(cm)	Turn	Rdc,Ω
22	0.0701	11	0.0126	31	0.0267	33	0.244
23	0.0632	12	0.0174	32	0.0241	36	0.331
24	0.0566	14	0.0242	33	0.0216	41	0.466
25	0.0505	16	0.0338	34	0.0191	46	0.664
26	0.0452	18	0.0472	35	0.0170	52	0.932
27	0.0409	21	0.0651	36	0.0152	58	1.29
28	0.0366	23	0.0915	37	0.0140	65	1.76
29	0.0330	26	0.125	38	0.0124	73	2.48

Single layer winding with 1 inch leads

AL vs NI Curve (60μ, 125μ)

