

HS097090G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ³ , max) @ 50kHz, 1000G
HS	90	48	61.6	300

OD : 097



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	9.65	0.380	10.29	0.405	Black	Box Qty = 8,000 pcs
ID	(min)	4.78	0.188	4.27	0.168		
HT	(max)	3.96	0.156	4.57	0.180		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.095 cm ²	2.18 cm	0.14 cm ²	0.206 cm ³	1,000
0.015 in ²	0.86 in	28,202 cmil	0.013 in ³	

Winding Information

0% Winding length/turn (cm)		
1.516		
40% winding factor Surface Area (cm ²)		
4.47		
40% Wound Di.(mm)		
OD	ID	HT
11.32	2.79	5.83

Typical DC Bias Performance

