

HS172090G

OD : 172

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ³ , max) @50kHz, 1000G
HS	90	64	61.6	300



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	17.27	0.680	18.03	0.710	Black	Box Qty =1,960 pcs
ID	(min)	9.65	0.380	9.02	0.355		
HT	(max)	6.35	0.250	7.11	0.280		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.232 cm ²	4.14 cm	0.64 cm ²	0.960 cm ³	1,000
0.036 in ²	1.63 in	125,913 cmil	0.059 in ³	

Winding Information

0% Winding length/turn (cm)		
2.323		
40% winding factor Surface Area (cm ²)		
13.91		
40% Wound Di.(mm)		
OD	ID	HT
20.24	5.90	9.77

Typical DC Bias Performance

