

HS112090G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ² , max) @ 50kHz, 1000G
HS	90	38	61.6	300

OD : 112



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	11.18	0.440	11.90	0.469	Black	Box Qty = 6,000 pcs
ID	(min)	6.35	0.250	5.89	0.232		
HT	(max)	3.96	0.156	4.72	0.186		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.091 cm ²	2.69 cm	0.27 cm ²	0.244 cm ³	1,000
0.014 in ²	1.06 in	53,878 cmil	0.015 in ³	

Winding Information

0% Winding length/turn (cm)		
1.545		
40% winding factor Surface Area (cm ²)		
6.05		
40% Wound Di.(mm)		
OD	ID	HT
13.34	3.86	6.46

Typical DC Bias Performance

