

HS330090G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ³ , max) @50kHz, 1000G
HS	90	91	61.6	300

OD : 330



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	33.02	1.300	33.83	1.332	Black	Box Qty = 240 pcs
ID	(min)	19.94	0.785	19.30	0.760		
HT	(max)	10.67	0.420	11.61	0.457		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.672 cm ²	8.15 cm	2.93 cm ²	5.477 cm ³	1,000
0.104 in ²	3.21 in	578,251 cmil	0.334 in ³	

Winding Information

0% Winding length/turn (cm)		
3.775		
40% winding factor Surface Area (cm ²)		
49.01		
40% Wound Di.(mm)		
OD	ID	HT
38.69	12.64	17.37

Typical DC Bias Performance

