

HS343090G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ² , max) @50kHz, 1000G
HS	90	57	61.6	300

OD : 343



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	34.29	1.350	35.20	1.386	Black	Box Qty = 280 pcs
ID	(min)	23.37	0.920	22.60	0.890		
HT	(max)	8.89	0.350	9.83	0.387		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.454 cm ²	8.95 cm	4.01 cm ²	4.063 cm ³	1,000
0.070 in ²	3.52 in	791,395 cmil	0.248 in ³	

Winding Information

0% Winding length/turn (cm)		
3.226		
40% winding factor Surface Area (cm ²)		
52.34		
40% Wound Di.(mm)		
OD	ID	HT
41.08	14.79	16.67

Typical DC Bias Performance

