

HS610090G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ² , max) @ 50kHz, 300G
HS	90	288	61.6	26

OD : 610



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	62.00	2.441	63.10	2.484	Black	Box Qty = 24 pcs
ID	(min)	32.60	1.283	31.37	1.235		
HT	(max)	25.00	0.984	26.27	1.034		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
3.675 cm ²	14.37 cm	7.73 cm ²	52.810 cm ³	1,000
0.570 in ²	5.66 in	1,525,558 cmil	3.222 in ³	

Winding Information

0% Winding length/turn (cm)		
8.427		
40% winding factor Surface Area (cm ²)		
173.99		
40% Wound Di.(mm)		
OD	ID	HT
70.78	20.54	35.53

Typical DC Bias Performance

