

HS778090G

OD : 778

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 60 Oe	Coreloss (mW/cm ² , max) @ 50kHz, 500G
HS	90	128	61.6	63



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	77.80	3.063	78.90	3.106	Black	Box Qty = 35 pcs
ID	(min)	49.23	1.938	48.00	1.890		
HT	(max)	15.90	0.626	17.20	0.677		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (W _a)	Volume (V)	Breakdown Voltage (Vac)
2.270 cm ²	20.00 cm	17.990 cm ²	45.400 cm ³	1,000
0.352 in ²	7.874 in	3,550,424 cmil	2.7703 in ³	

Winding Information

0% Winding length/turn (cm)		
6.530		
40% winding factor Surface Area (cm ²)		
236.84		
40% Wound Di.(mm)		
OD	ID	HT
91.14	31.33	31.65

Typical DC Bias Performance

