

CH1013125G

Electrical Characteristics

Material	Permeability (μ)	AL ± 8% (nH/N ²)	DCB (% min) @ 20 Oe	Coreloss (mW/cm ² , max) @ 50kHz, 100G
High Flux	125	192	84.64	4

OD : 1013



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	101.60	4.000	103.10	4.059	Black	Box Qty = 12 pcs
ID	(min)	57.20	2.252	55.70	2.193		
HT	(max)	13.60	0.535	14.90	0.587		

Physical Characteristics

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
2.972 cm ²	24.27 cm	24.37 cm ²	72.1304 cm ³	1,000
0.46066 in ²	9.555 in	4,808,939 cmil	4.4014 in ³	

Winding Information

0% Winding length/turn (cm)		
7.720		
40% winding factor Surface Area (cm ²)		
345.39		
40% Wound Di.(mm)		
OD	ID	HT
116.93	36.46	31.44

For Your Reference Only

Typical DC Bias Performance

