

# CH572147G

## Electrical Characteristics

Material	Permeability ( $\mu$ )	AL $\pm$ 8% (nH/N <sup>2</sup> )	DCB (% min) @ 20 Oe	Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 500G
High Flux	147	185	82.80	110

OD : 572



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	57.15	2.250	58.00	2.283	Black	Box Qty = 88 pcs
ID	(min)	35.56	1.400	34.70	1.366		
HT	(max)	13.97	0.550	14.86	0.585		

## Physical Characteristics

Cross Section (A)	Path Length ( $l$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
1.444 cm <sup>2</sup>	14.30 cm	9.48 cm <sup>2</sup>	20.6492 cm <sup>3</sup>	1,000
0.22382 in <sup>2</sup>	5.630 in	1,870,930 cmil	1.2600 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
5.302		
40% winding factor Surface Area (cm <sup>2</sup> )		
133.19		
40% Wound Di.(mm)		
OD	ID	HT
66.85	22.74	25.26

## Typical DC Bias Performance

