

# CH270060G14

## Electrical Characteristics

Material	Permeability ( $\mu$ )	AL $\pm$ 8% (nH/N <sup>2</sup> )	DCB (% min) @ 50 Oe	Coreloss (mW/cm <sup>2</sup> , max) @50kHz, 1000G
High Flux	60	94	82.8	270

OD : 270



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	26.92	1.060	27.7	1.091	Black	Box Qty = 324 pcs
ID	(min)	14.73	0.580	14.10	0.555		
HT	(max)	14.00	0.551	15.00	0.591		

## Physical Characteristics

Cross Section (A)	Path Length ( $l$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.819 cm <sup>2</sup>	6.35 cm	1.56 cm <sup>2</sup>	5.200 cm <sup>3</sup>	1,000
0.127 in <sup>2</sup>	2.500 in	307,874 cmil	0.3173 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
4.36		
40% winding factor Surface Area (cm <sup>2</sup> )		
38.24		
40% Wound Di.(mm)		
OD	ID	HT
31.16	9.23	19.17

## Typical DC Bias Performance

