

# CH1333125G

## Electrical Characteristics

Material	Permeability ( $\mu$ )	AL $\pm$ 8% (nH/N <sup>2</sup> )	DCB (% min) @ 20 Oe	Coreloss (mW/cm <sup>3</sup> , max) @ 50kHz, 100G
High Flux	125	422	84.64	4

OD : 1333



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	132.50	5.217	134.20	5.283	Black	Box Qty = 3 pcs
ID	(min)	78.60	3.094	77.00	3.031		
HT	(max)	33.00	1.299	34.40	1.354		

## Physical Characteristics

Cross Section (A)	Path Length ( $\ell$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
8.717 cm <sup>2</sup>	32.42 cm	46.57 cm <sup>2</sup>	282.605 cm <sup>3</sup>	1,000
1.35114 in <sup>2</sup>	12.764 in	9,190,102 cmil	17.2446 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
12.600		
40% winding factor Surface Area (cm <sup>2</sup> )		
698.47		
40% Wound Di.(mm)		
OD	ID	HT
153.59	50.41	57.39

## Typical DC Bias Performance

