

# CS330090G

## Electrical Characteristics

Material	Permeability (μ)	AL ± 8% (nH/N <sup>2</sup> )	DCB (% min) @ 30 Oe	Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 1000G
SENDUST	90	91	64.4	320

OD : 330



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	33.02	1.300	33.83	1.332	Black	Box Qty = 240 pcs
ID	(Min)	19.94	0.785	19.30	0.760		
HT	(Max)	10.67	0.420	11.61	0.457		

## Physical Characteristics

Cross Section (A)	Path Length (ℓ)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.672 cm <sup>2</sup>	8.15 cm	2.93 cm <sup>2</sup>	5.4768 cm <sup>3</sup>	1,000
0.10416 in <sup>2</sup>	3.209 in	578,251 cmil	0.3342 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
3.775		
40% winding factor Surface Area (cm <sup>2</sup> )		
49.01		
40% Wound Di.(mm)		
OD	ID	HT
38.69	12.64	17.37

For Your Reference Only

## Typical DC Bias Performance

