

# CS330090G18

## Electrical Characteristics

Material	Permeability ( $\mu$ )	AL $\pm$ 8% (nH/N <sup>2</sup> )	DCB (% min) @ 30 Oe	Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 1000G
SENDUST	90	153	64.40	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 = 140 pcs
ID	(min)	19.94	0.785	19.30	0.760		
HT	(max)	18.00	0.709	19.00	0.748		

## Physical Characteristics

Cross Section (A)	Path Length ( $l$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
1.133 cm <sup>2</sup>	8.15 cm	2.93 cm <sup>2</sup>	9.233 cm <sup>3</sup>	1,000
0.1756 in <sup>2</sup>	3.21 in	578,251 cmil	0.5634 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
5.253		
40% winding factor Surface Area (cm <sup>2</sup> )		
60.93		
40% Wound Di.(mm)		
OD	ID	HT
38.69	12.64	24.76

## Typical DC Bias Performance

