

# CM096173G

## 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, 1000G
MPP	173	74	73.60	330

OD : 096



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	9.65	0.380	10.29	0.405	Black	Box Qty = 8,000 pcs
ID	(min)	4.78	0.188	4.27	0.168		
HT	(max)	3.18	0.125	3.81	0.150		

## Physical Characteristics

Cross Section (A)	Path Length ( $l$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.0752 cm <sup>2</sup>	2.18 cm	0.1429 cm <sup>2</sup>	0.1639 cm <sup>3</sup>	1,000
0.0117 in <sup>2</sup>	0.86 in	28,202 cmil	0.0100 in <sup>3</sup>	

## Winding Information

0% Winding length/turn (cm)		
1.364		
40% winding factor Surface Area (cm <sup>2</sup> )		
4.14		
40% Wound Di.(mm)		
OD	ID	HT
11.32	2.79	5.07

## Typical DC Bias Performance

