

CS166075G

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 40 Oe	Coreloss (mW/cm ³ , max) @ 50kHz, 1000G
SENDUST	75	43	64.4	320

OD : 166



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	16.51	0.650	17.40	0.685	Black	Box Qty = 1,960 pcs
ID	(min)	10.16	0.400	9.53	0.375		
HT	(max)	6.35	0.250	7.11	0.280		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.192 cm ²	4.11 cm	0.71 cm ²	0.789 cm ³	1,000
0.030 in ²	1.62 in	140,714 cmil	0.048 in ³	

Winding Information

0% Winding length/turn (cm)		
2.209		
40% winding factor Surface Area (cm ²)		
13.66		
40% Wound Di.(mm)		
OD	ID	HT
19.77	6.24	9.94

For Your Reference Only

Typical DC Bias Performance

