

CS172075G12.7

Electrical Characteristics

Material	Permeability (μ)	AL \pm 8% (nH/N ²)	DCB (% min) @ 40 Oe	Coreloss (mW/cm ³ , max) @ 50kHz, 1000G
SENDUST	75	106	64.4	320

OD : 172



Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	17.27	0.680	18.03	0.710	Black	Box Qty = 980 pcs
ID	(min)	9.65	0.380	9.02	0.355		
HT	(max)	12.70	0.500	13.46	0.530		

Physical Characteristics

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
0.464 cm ²	4.14 cm	0.638 cm ²	1.9217 cm ³	1,000
0.072 in ²	1.630 in	125,913 cmil	0.1173 in ³	

Winding Information

0% Winding length/turn (cm)		
3.593		
40% winding factor Surface Area (cm ²)		
19.13		
40% Wound Di.(mm)		
OD	ID	HT
20.24	5.90	16.12

Typical DC Bias Performance

