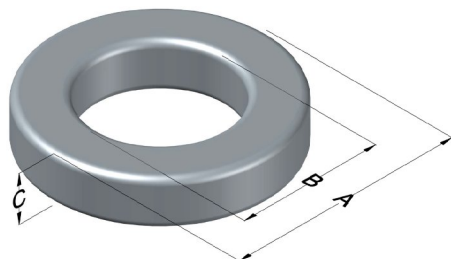




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	52 ± 12%	XXXXXX	030A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	7.87	0.310	8.51	0.335	max	
ID (B)	3.96	0.156	3.45	0.136	min	
HT (C)	3.18	0.125	3.81	0.150	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm³)	DC Bias min (A·T/cm)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
1400	80%	50%	1000	4.5	9.35	5.99	17.9	107	0.68
	10.7	27.8							

Winding Information						Temperature Rating			
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C			
Winding Factor	(mm)	Winding Factor	(mm)			Coating Temp (Continuous up to): 200°C			
				Maximum OD (70%)		11.0			
0%		12.7		40%		14.5		Notes:	
20%		13.6		45%		14.7			
25%		13.8		50%		15.0			
30%		14.0		60%		15.5			
35%		14.3		70%		16.1			
				Maximum HT (70%)		6.73			
				Surface Area (mm²)					
				Unwound Core		238			
				40% Winding Factor		320			

Typical DC Bias Performance

