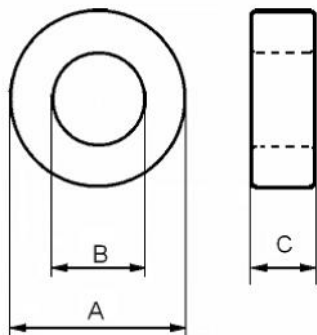




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Kool Mμ Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	50 ± 12%	XXXXXX	020	N/A	Black

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	6.35	0.250	6.99	0.275	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.79	0.110	2.28	0.090	
HT (C)	2.79	0.110	3.43	0.135	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A·T/cm)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
1400	80%	50%	1000	3.5	4.08	4.70	13.6	64.0	0.39
	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%)		8.81					
0%		11.6		40%		12.8		Maximum HT (70%)		5.38	
20%		12.2		45%		12.9		Surface Area (mm²)			
25%		12.3		50%		13.1					
30%		12.4		60%		13.4		Unwound Core		168	
35%		12.6		70%		13.9		40% Winding Factor		220	
Notes:											

Typical DC Bias Performance

