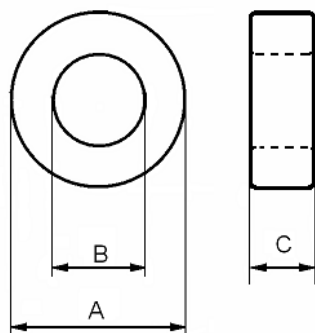




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	26 ± 15%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 5 vials/box Box Qty= 7500 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	3.56	0.140	4.02	0.158	max	
ID (B)	1.78	0.070	1.44	0.057	min	
HT (C)	1.52	0.060	1.99	0.078	max	

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%	600	0.9	1.63	1.30	8.06	10.5	0.065
	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): 130°C			
				Maximum OD (70%)		4.95			
				Maximum HT (70%)		2.74			
0%	7.24	40%	7.89	Surface Area (mm²)		Notes: Parylene coated, color appears clear to milky white.			
20%	7.56	45%	7.98						
25%	7.65	50%	8.08						
30%	7.70	60%	8.27	Unwound Core				48.4	
35%	7.81	70%	8.48	40% Winding Factor				65.2	

Typical DC Bias Performance

