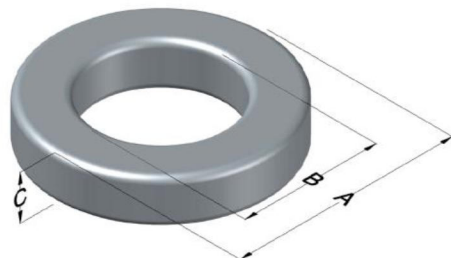




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	50 ± 12%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.35	0.250	6.81	0.268	max	
ID (B)	2.79	0.110	2.47	0.097	min	
HT (C)	2.79	0.110	3.25	0.128	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		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)
750	80%	50%	600	7.3	4.08	4.70	13.6	64.0	0.3900
	14.0	35.0							

Winding Information						Temperature Rating		
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 500°C	
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	7.34	Coating Temp (Continuous up to): 130°C	
					HT	4.12		
				Completely Full Window	Max OD	8.81	Notes:	
					Max HT	5.38		
0%	11.6	40%	12.8	Surface Area (mm²)				Parylene coated, color appears clear to milky white.
20%	12.2	45%	12.9					
25%	12.3	50%	13.1					
30%	12.4	60%	13.4	Unwound Core		170		
35%	12.6	70%	13.9	40% Winding Factor		200		

Typical DC Bias Performance

