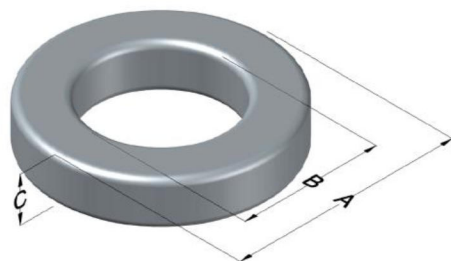




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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	54 $\pm$ 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.06	0.278	max	
ID (B)	2.67	0.105	2.34	0.092	min	
HT (C)	2.54	0.100	3.00	0.118	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)
1000	80%	50%	600	4.0	3.63	4.76	13.6	64.9	0.5500
	46.0	81.0							

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	Coating Temp (Continuous up to): 130°C	
					HT	Notes:	
0%	11.4	40%	12.6	Completely Full Window	Max OD		
20%	12.0	45%	12.7		Max HT		
25%	12.2	50%	12.9	Surface Area (mm ²)		Parylene coated, color appears clear to milky white.	
30%	12.3	60%	13.2				
35%	12.4	70%	13.6	Unwound Core	170		
				40% Winding Factor	190		

Typical DC Bias Performance

