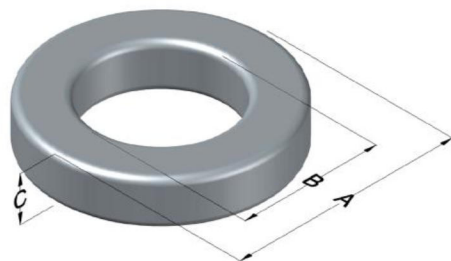




C058050A5

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	56 $\pm$ 8%	XXXXXX	050A5	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	12.70	0.500	13.46	0.530	max	
ID (B)	7.62	0.300	6.99	0.275	min	
HT (C)	4.75	0.187	5.51	0.217	max	Bulk Pack 4 bags/box Box Qty= 5000 pcs

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%	1250	8.6	38.3	10.9	31.2	340	2.9000
	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	14.6	Coating Temp (Continuous up to): 200°C	
					HT	7.66		
				Completely Full Window	Max OD	18.2		Notes:
					Max HT	11.5		
0%	17.5	40%	21.1	Surface Area (mm²)				
20%	19.3	45%	21.7					
25%	19.8	50%	22.1					
30%	20.1	60%	23.2	Unwound Core		560		
35%	20.7	70%	24.5	40% Winding Factor		800		

Typical DC Bias Performance

