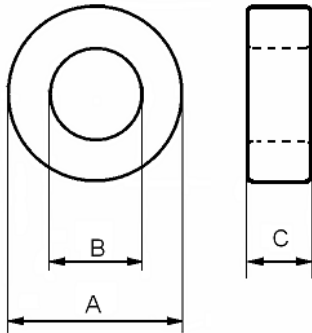




C055050A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	56 ± 8%	XXXXXX	050A2	X	Gray

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	12.7	0.500	13.5	0.530	Bulk Pack 4 bags/box Box Qty= 5000 pcs
ID (B)	7.62	0.300	6.98	0.275	
HT (C)	4.75	0.187	5.52	0.217	

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)
	80%	50%							
950	19.8	38.5	1000	8.6	38.3	10.9	31.2	340	3.1

Winding Information				Temperature Rating	
Winding Length Per Turn				Curie Temp: 460 °C	
Winding Factor	(mm)	Winding Factor	(mm)	Coating Temp (Continuous up to): 200 °C	
				Wound Coil Dimensions (mm)	
Maximum OD (70%)		18.2			
Maximum HT (70%)		11.5			
Surface Area (mm ²)					
Unwound Core		561			
40% Winding Factor		813			
0%	17.5	40%	21.1		
20%	19.3	45%	21.7		
25%	19.8	50%	22.1		
30%	20.1	60%	23.2		
35%	20.7	70%	24.5		

Typical DC Bias Performance

