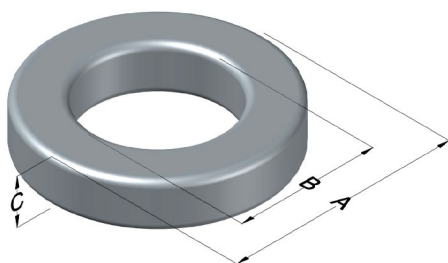




C055350A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	105 $\pm$ 8%	XXXXXX	55350A2	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 480 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	23.6	0.928	24.4	0.958	max	
ID (B)	14.4	0.567	13.7	0.542	min	
HT (C)	8.89	0.350	9.66	0.380	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)
950	80%	50%	1000	29	149	38.8	58.8	2,280	20
	19.8	38.5							

Winding Information						Temperature Rating			
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460 °C			
Winding Factor	(mm)	Winding Factor	(mm)			Coating Temp (Continuous up to): 200 °C			
				Maximum OD (70%)		33.5		Notes:	
Maximum HT (70%)		21.4							
0%		29.8		40%		36.9			
20%		33.4		45%		38.0			
25%		34.2		50%		38.9			
30%		35.0		60%		41.1			
35%		36.1		70%		43.6			
				Surface Area (mm²)					
				Unwound Core		1,790			
				40% Winding Factor		2,630			

Typical DC Bias Performance

