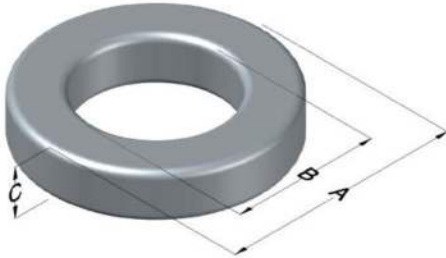




C055106A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
200	250 $\pm$ 8%	XXXXXX	55106A2	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 90 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.04	2.285	max	
ID (B)	35.56	1.400	34.75	1.368	min	
HT (C)	13.97	0.550	14.86	0.585	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)
1050	80%	50%	3000	107.0	948	144	143	20,700	190
	15.0	28.0							

Winding Information						Temperature Rating		
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 460 °C	
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	63.5	Coating Temp (Continuous up to): 200 °C	
					HT	25.9		
				Completely Full Window	Max OD	81.3		Notes:
					Max HT	44.4		
0%	53.0	40%	71.0	Surface Area (mm²)				
20%	61.9	45%	73.2					
25%	64.3	50%	76.0	Unwound Core				
30%	65.8	60%	81.3					
35%	68.7	70%	87.1	40% Winding Factor		13,000		

Typical DC Bias Performance

