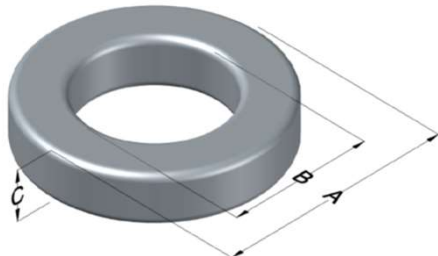




0055095A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	57 \pm 8%	XXXXXX	55095A2	N/A	Grey

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= 120 pcs
ID (B)	28.70	1.130	27.89	1.098	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		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)
	800	80%							
	80	135	3000	99.0	611	132	116.2	15,300	112

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	53.2	Coating Temp (Continuous up to): 200°C
					HT	24.5	
0%	52.0	40%	66.1	Completely Full Window	Max OD	56.0	Notes:
20%	59.3	45%	68.4		Max HT	35.7	
25%	60.9	50%	70.3	Surface Area (mm ²)			
30%	62.6	60%	74.8	Unwound Core	6,200		
35%	64.6	70%	79.6	40% Winding Factor	9,500		

