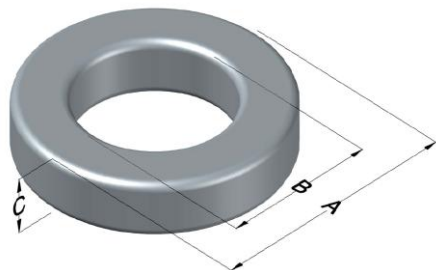




C055906A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	177 $\pm$ 8%	XXXXXX	55906A2	X	Grey

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 40 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	15.88	0.625	17.02	0.670	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100 mT 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)	Est. Weight (g)
850	80%	50%	3000	140	1,820	221	196.1	43,300	377
	25	48.5							

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	88.9	Coating Temp (Continuous up to): 200°C
					HT	32.0	
				Completely Full Window	Max OD	93.9	Notes:
					Max HT	52.0	
0%	64.8	40%	89.4	Surface Area (mm ²)			
20%	77.3	45%	93.2				
25%	80.2	50%	96.5				
30%	82.8	60%	104	Unwound Core		13,000	
35%	86.7	70%	113	40% Winding Factor		23,000	

Typical DC Bias Performance

