



C055140A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	26 ± 8%	N/A	N/A	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	3.56	0.140	4.19	0.165	max	Bulk Pack 5 vials/box Box Qty= 7500 pcs
ID (B)	1.78	0.070	1.27	0.050	min	
HT (C)	1.52	0.060	2.16	0.085	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)
	850	80%							
	25.0	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		Coating Temp (Continuous up to): 200°C
				OD	4.30	
				HT	2.56	Notes: MPP cores 4.65 mm and smaller are graded into 5% bands. *No voltage breakdown min for A2 or A7 with OD ≤4.65mm
Completely Full Window				Max OD	4.95	
0%	7.24	40%	7.89	Max HT	2.74	
20%	7.56	45%	7.98	Surface Area (mm ²)		
25%	7.65	50%	8.08	Unwound Core		60
30%	7.70	60%	8.27	40% Winding Factor		70
35%	7.81	70%	8.48			

