



C055148A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
160	45 ± 8%	N/A	N/A	N/A	Gray

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	3.94	0.155	4.57	0.180	Bulk Pack 5 vials/box Box Qty= 7500 pcs
ID (B)	2.24	0.088	1.73	0.068	
HT (C)	2.54	0.100	3.18	0.125	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)
	80%	50%							
900	21.0	39.0	*-	2.7	2.32	2.11	9.42	19.9	0.1734

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	4.85	Notes:
				HT	3.73	
				Max OD	5.77	
				Max HT	4.75	
				Surface Area (mm ²)		
				Unwound Core		90
				40% Winding Factor		110

Typical DC Bias Performance

