



0055120AY

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	72 \pm 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.59	0.653	17.09	0.673	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	10.16	0.400	9.71	0.382	min	
HT (C)	6.35	0.250	6.93	0.273	max	

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)
	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): 130 °C
				OD	18.8	Notes:
				HT	10.1	
Completely Full Window				Max OD	23.7	
0%	22.0	40%	26.8	Max HT	15.2	
20%	24.4	45%	27.6	Surface Area (mm ²)		
25%	25.0	50%	28.3	Unwound Core		920
30%	25.6	60%	29.7	40% Winding Factor		1,300
35%	26.2	70%	31.4			

Typical DC Bias Performance

