



0055053AY

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	6.4 ± 8%	XXXXXX	053A2	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	12.70	0.500	13.28	0.523	max	Bulk Pack 4 bags/box Box Qty= 5000 pcs
ID (B)	7.62	0.300	7.17	0.282	min	
HT (C)	4.75	0.187	5.33	0.210	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)
	80%	60%							
1600	215	270	600	15.0	38.3	10.9	31.2	340	2.4800

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	14.6	Notes:
				HT	7.66	
Completely Full Window				Max OD	18.2	
0%	17.5	40%	21.1	Max HT	11.5	
Surface Area (mm ²)						
20%	19.3	45%	21.7	Unwound Core		560
25%	19.8	50%	22.1	40% Winding Factor		800
30%	20.1	60%	23.2			
35%	20.7	70%	24.5			

