



0055209A2HT14

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	15.6 ± 8%	XXXXXX	55209A2HT14	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	20.32	0.800	21.08	0.830	max	Bulk Pack 4 bags/box Box Qty= 800 pcs
ID (B)	12.7	0.500	12.07	0.475	min	
HT (C)	13.0	0.511	14.0	0.551	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%	70%							
2000	215	270	>2000	29.0	114	44.2	50.9	2250	15

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	22.9	Notes:
				HT	16.7	
				Completely Full Window		
0%	37.1	40%	43.1	Max OD	29.2	
20%	40.0	45%	44.1	Max HT	23.4	
				Surface Area (mm ²)		
25%	40.9	50%	44.9	Unwound Core		
30%	41.6	60%	46.7	40% Winding Factor		2,680
35%	42.4	70%	48.8			

