



0055068A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	225 ± 8%	XXXXXX	55068A2	N/A	Grey

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	68.00	2.677	69.42	2.733	max	Cardboard cut-outs Box Qty= 35 pcs
ID (B)	35.99	1.417	34.67	1.365	min	
HT (C)	19.99	0.787	21.41	0.843	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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)
	800	80% 30							
			3000	181.8	944	314	158.1	49,700	375

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	OD	76.6
					HT	32.2
0%	77.6	40%	95.3	Completely Full Window	Max OD	80.2
20%	86.6	45%	97.9		Max HT	46.6
25%	88.7	50%	100	Surface Area (mm ²)		Notes:
30%	90.6	60%	106	Unwound Core	13,000	
35%	93.2	70%	112	40% Winding Factor	18,000	
Coating Temp (Continuous up to): 200°C						

