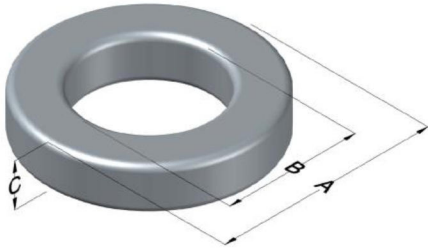




0055413A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	8 \pm 8%	XXXXXX	413	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.86	0.270	7.49	0.295	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	3.96	0.156	3.45	0.136	min	
HT (C)	5.08	0.200	5.72	0.225	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	1250	10.0	9.35	7.25	16.5	120	0.8000

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	8.06	Coating Temp (Continuous up to): 200°C
				HT	6.84			
0%	15.5	40%	17.3	Completely Full Window		Max OD	9.6	Notes:
20%	16.4	45%	17.5	Surface Area (mm ²)		Max HT	10.0	
25%	16.6	50%	17.8			Unwound Core		
30%	16.8	60%	18.3	40% Winding Factor		330		
35%	17.0	70%	18.9					

Typical DC Bias Performance

