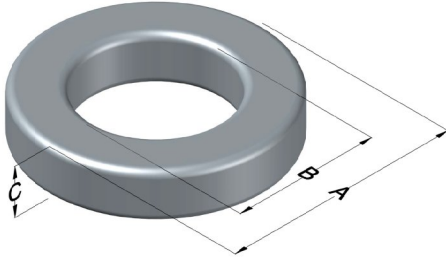




**0055353A2**

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MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	12 $\pm$ 8%	XXXXXX	55353A2	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging  Cardboard cut-outs Box Qty= 480 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	23.6	0.928	24.4	0.958	max	
ID (B)	14.4	0.567	13.7	0.542	min	
HT (C)	8.89	0.350	9.66	0.380	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm <sup>3</sup> )	DC Bias min (A-T/cm)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>A</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
	80%	70%							
3000	170	214	1000	29	149	38.8	58.8	2,280	16

Winding Information				Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)	
Winding Factor	(mm)	Winding Factor	(mm)	Curie Temp: 460 °C	
				Coating Temp (Continuous up to): 200 °C	
				Notes:	
				Maximum OD (70%)	33.5
				Maximum HT (70%)	21.4
				Surface Area (mm <sup>2</sup> )	
				Unwound Core	1,790
				40% Winding Factor	2,630

### Typical DC Bias Performance

