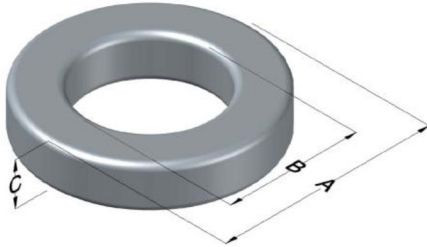




**0055909A2**

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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	20 ± 8%	XXXXXX	55909A2	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 40 pcs
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	15.88	0.625	17.02	0.670	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT Max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		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)
	1600	80%							
	215	270	3000	140.0	1,820	221	196	43,400	339

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	86.6	
				HT	32.3	Notes:
				Completely Full Window		
				Max OD	113	
0%	64.8	40%	89.2	Max HT	57.7	
20%	77.3	45%	93.2	Surface Area (mm <sup>2</sup> )		
25%	80.1	50%	97.0	Unwound Core		13,000
30%	83.1	60%	104	40% Winding Factor		24,000
35%	86.5	70%	113			

