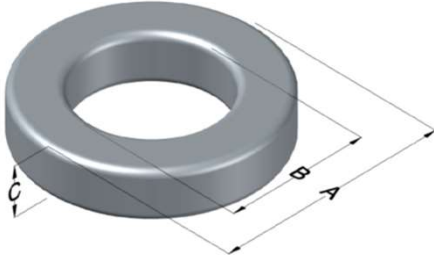




**0055069A2**

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MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	187 $\pm$ 8%	XXXXXX	55069A2	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 <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)
	80%	50%							
750	35	70	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 <sup>2</sup> )		
30%	90.6	60%	106	Unwound Core		13,000
35%	93.2	70%	112	40% Winding Factor		18,000
Notes:						

