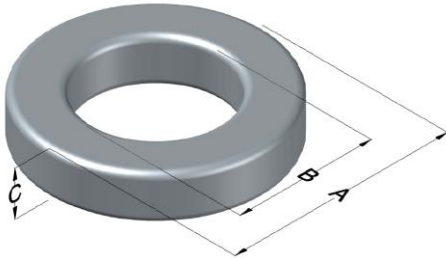




**0059120A2**

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Edge Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	72 ± 8%	XXXXXX	59120A2	X	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.6	0.653	17.3	0.680	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	10.2	0.400	9.52	0.375	min	
HT (C)	6.35	0.250	7.12	0.280	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)
	80%	50%							
700	55	90	1000	23.0	71.2	19.2	41.2	791	6.3

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	18.8
					HT	10.1
				Completely Full Window	Max OD	23.7
					Max HT	15.2
0%	22.1	40%	27.0	Surface Area (mm <sup>2</sup> )		
20%	24.6	45%	27.7			
25%	25.2	50%	28.4	Unwound Core		
30%	25.6	60%	29.8			
35%	26.4	70%	31.5	40% Winding Factor		
				920		
				1,300		
Notes:						
Coating Temp (Continuous up to): 200°C						

**Typical DC Bias Performance**

