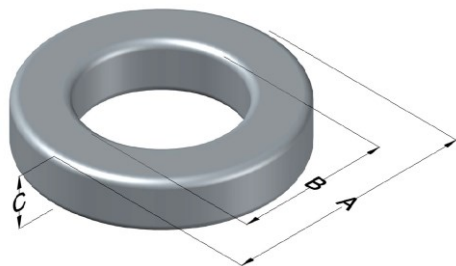




**0059059A2**

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Edge Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	43 ± 8%	XXXXXX	59059A2	N/A	Green

Dimensions					Packaging	
Uncoated			Coated Limits			
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	Cardboard cut-outs Box Qty = 1000 Pcs
ID (B)	13.97	0.550	13.34	0.525	min	
HT (C)	7.62	0.300	8.38	0.330	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%							
525	100	180	1000	39.4	139	31.7	56.7	1800	14.5

Winding Information					Temperature Rating		
Winding Length per Turn			Wound Coil Dimensions (mm)			Curie Temp (°C):	500 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	HT	Coating Temp: (Continuous, up to; °C)
0%	27.0	40%	33.9	Completely Full Window	Max OD	32.6	Notes:
20%	30.5	45%	34.9		Max HT	19.8	
25%	31.3	50%	35.9	Surface Area (mm <sup>2</sup> )			
30%	32.0	60%	38.0	Unwound Core:		1600	
35%	33.1	70%	40.4	40% Wound:		2400	

