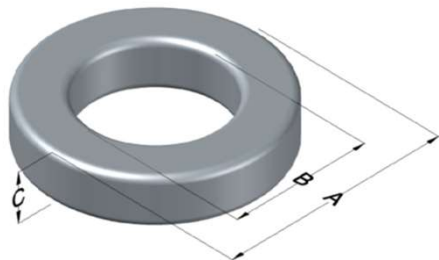




0059907A2S01

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High Bias Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	85 $\pm$ 8%	XXXXXX	59907A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 40 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	
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 @ 100kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _a (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
700	80%	50%	3000	141.0	1,830	221	196.1	43,400	359
	130	200							

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	88.9	Coating Temp (Continuous up to): 200°C
					HT	32.0	
				Completely Full Window	Max OD	93.9	Notes:
					Max HT	52.0	
				0%	64.8	40%	
20%	77.3	45%	93.2				
25%	80.2	50%	96.5				
30%	82.8	60%	104 <th colspan="2">Unwound Core</th> <td>13,000<td rowspan="2"></td></td>	Unwound Core		13,000 <td rowspan="2"></td>	
35%	86.7	70%	113 <th colspan="2">40% Winding Factor</th> <td>23,000</td>	40% Winding Factor		23,000	

Typical DC Bias Performance

