0059390A2S01

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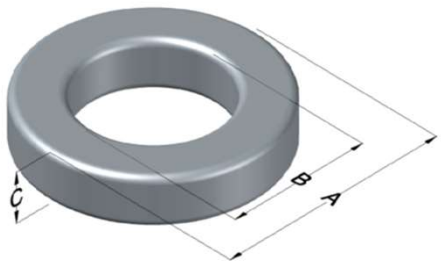


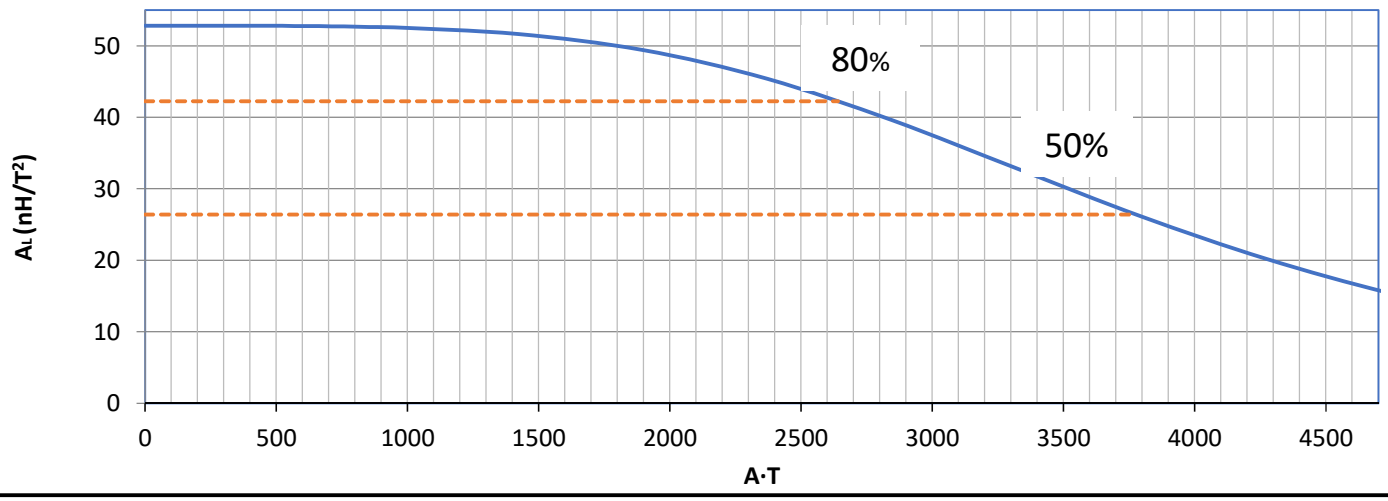
High Bias Edge Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	53 ± 8%	XXXXXX	59390A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	40.13	1.580	40.94	1.612	max	Cardboard cut-outs Box Qty= 160 pcs
ID (B)	22.08	0.869	21.27	0.837	min	
HT (C)	17.00	0.669	17.89	0.704	max	

Electrical Characeristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V_{AC})	Break Strength min (kg)	Window Area W_a(mm²)	Cross Section A_e (mm²)	Path Length L_e (mm)	Volume V_e (mm³)	Weight (g)
	80%	50%							
1000	300	425	3000	450.0	355	153	94.9	14,600	109

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	45.3	Coating Temp (Continuous up to): 200°C
					HT	24.5	
				Completely Full Window	Max OD	47.5	Notes:
					Max HT	33.3	
0%	55.5	40%	66.4	Surface Area (mm²)			
20%	61.0	45%	68.1				
25%	62.3	50%	69.5				
30%	63.5	60%	72.8	Unwound Core	5,400		
35%	65.1	70%	76.7	40% Winding Factor	7,500		

Typical DC Bias Performance



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