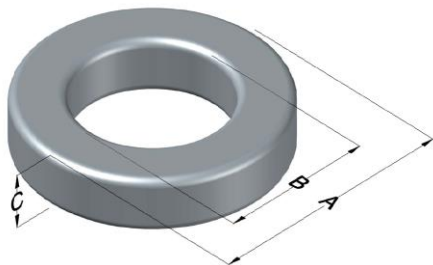




0059351A2S01

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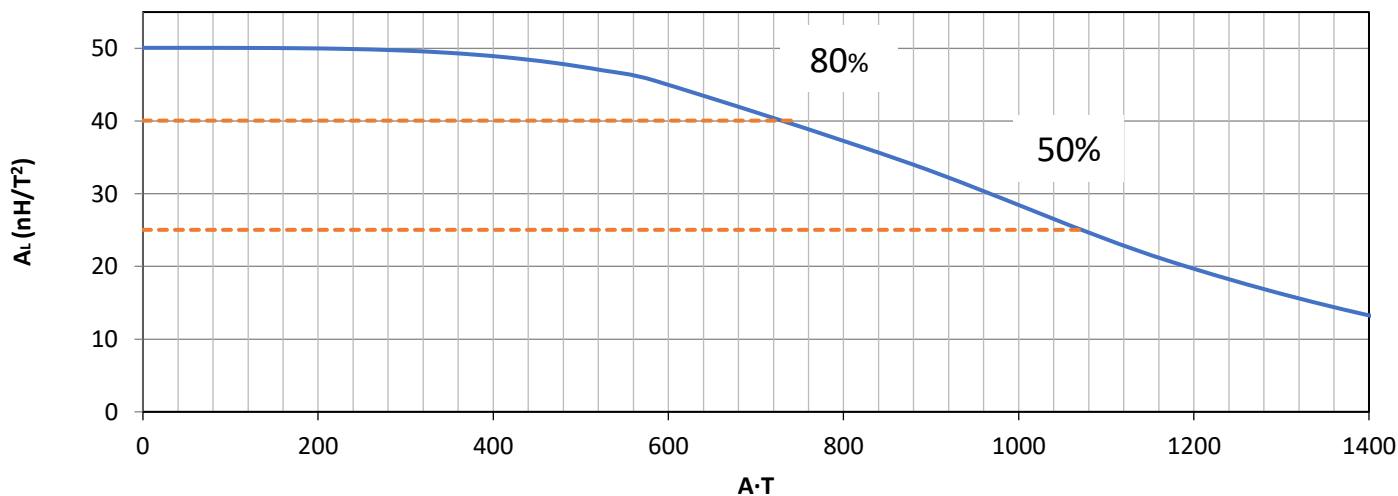
High Bias Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	50 $\pm$ 8%	XXXXXX	59351A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	23.57	0.928	24.33	0.958	max	Bulk Pack 4 bags/box Box Qty= 720 pcs
ID (B)	14.40	0.567	13.77	0.542	min	
HT (C)	8.89	0.350	9.65	0.380	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)	Est. Weight (g)
700	80%	50%	2000	47.0	149	38.8	58.5	2,270	18.3
	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	27.1	Coating Temp (Continuous up to): 200°C
					HT	13.9	
				Completely Full Window	Max OD	28.5	Notes:
					Max HT	19.5	
				0%	29.9	40%	
20%	33.5	45%	38.0				
25%	34.3	50%	38.9				
30%	35.1	60%	41.1	Unwound Core	1,800		
35%	36.1	70%	43.6	40% Winding Factor	2,600		

Typical DC Bias Performance



Revision 7/14/2023