0078440A7S01

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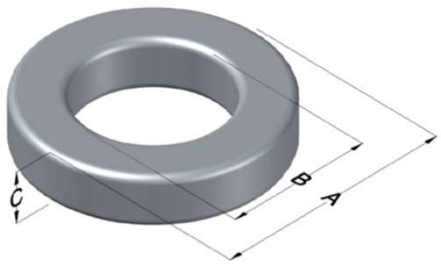


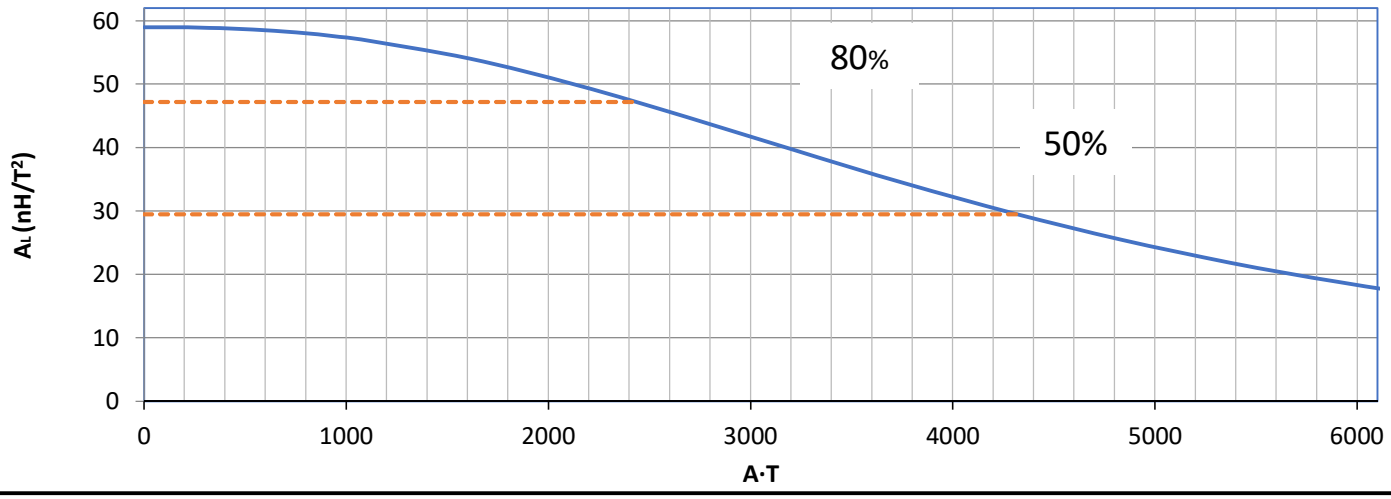
Xflux Si Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	59 ± 8%	XXXXXX	78440A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= 105 pcs
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	18.03	0.710	18.92	0.745	max	

Electrical Characeristics			Physical Characteristics						
Watt Loss @ 50kHz, 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	230	420	3000	233.0	427	198	107.4	21,300	153

Winding Information							Temperature Rating
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	52.4	Coating Temp (Continuous up to): 200°C
					HT	26.1	
				Completely Full Window	Max OD	54.8	Notes:
					Max HT	35.7	
0%	62.2	40%	74.2	Surface Area (mm²)			
20%	68.3	45%	76.0				
25%	69.7	50%	77.6				
30%	71.0	60%	81.3	Unwound Core	6,900		
35%	72.8	70%	85.6	40% Winding Factor	9,500		

Typical DC Bias Performance



Revision 10/6/2021