0078111A7S01

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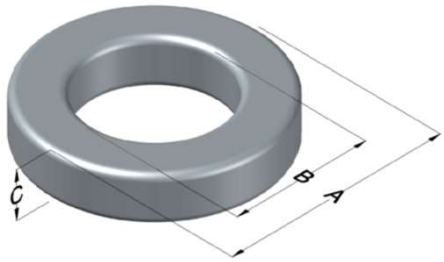


Xflux Si Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	33 ± 8%	XXXXXX	78111A7	N/A	Brown

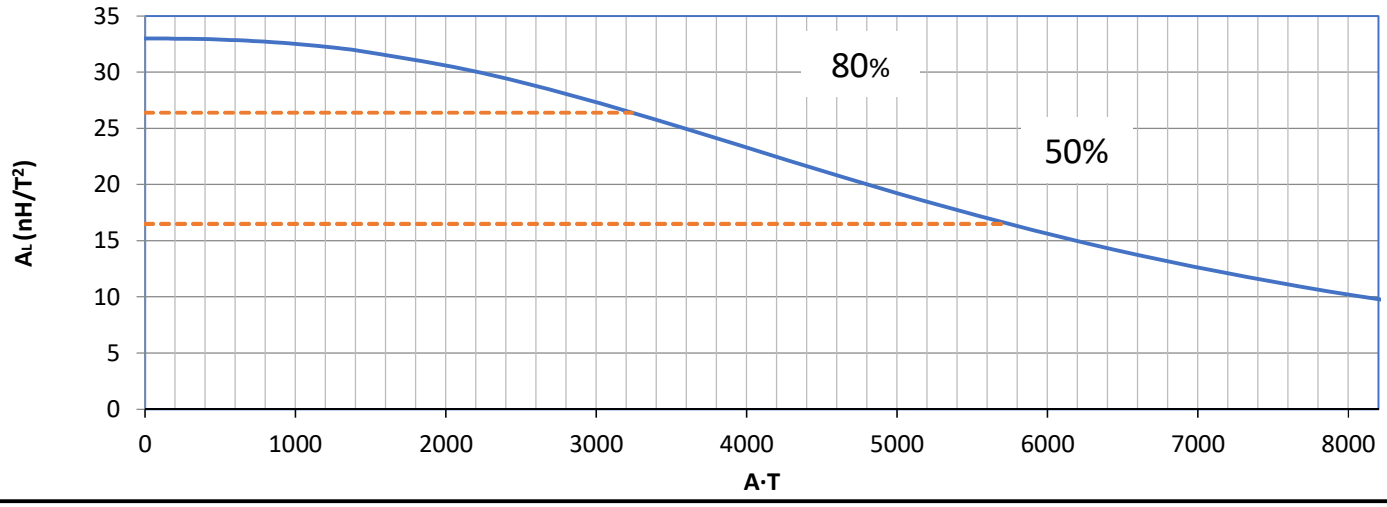
Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.04	2.285	max	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	35.56	1.400	34.75	1.368	min	
HT (C)	13.97	0.550	14.86	0.585	max	

Electrical Characteristics			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	107.0	948	144	143.0	20,700	149

Winding Information				Temperature Rating
Winding Length Per Turn				Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	Coating Temp (Continuous up to): 200°C
0%	53.0	40%	70.8	Notes:
20%	62.0	45%	73.5	
25%	64.2	50%	75.9	
30%	66.0	60%	81.3	
35%	68.8	70%	87.5	

Wound Coil Dimensions (mm)		
40% Winding Factor	OD	65.2
	HT	25.7
Completely Full Window	Max OD	68.8
	Max HT	40.1
Surface Area (mm²)		
Unwound Core		7,700
40% Winding Factor		13,000

Typical DC Bias Performance



Revision 11/11/2021