0077935A7HT19

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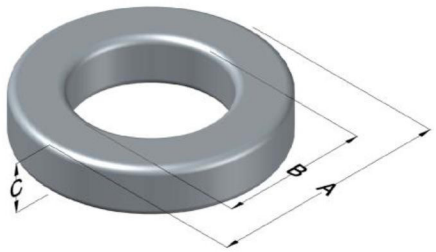


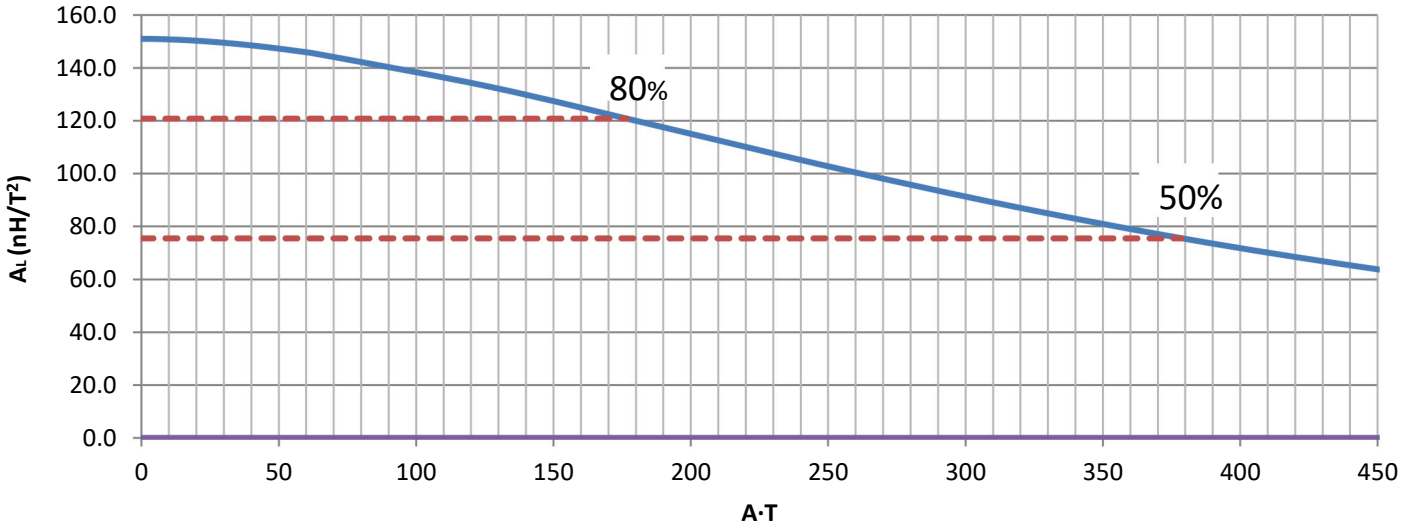
Kool Mμ Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	151 ± 8%	XXXXXX	77935A7HT19	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 280 pcs
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	18	0.707	19	0.748	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)
750	80%	50%	3000	77.0	156	105	63.5	6670	40
	28	64.0							

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	30.0	Coating Temp (Continuous up to): 200˚C
					HT	16.5	
				Completely Full Window	Max OD	37.3	Notes:
0%	51.6	40%	58.8		Max HT	24.0	
20%	55.1	45%	59.8	Surface Area (mm²)			
25%	56.0	50%	60.7				
30%	56.9	60%	62.9	Unwound Core	2,400		
35%	57.8	70%	65.4	40% Winding Factor	3,500		

Typical DC Bias Performance



Revision 10/7/2021