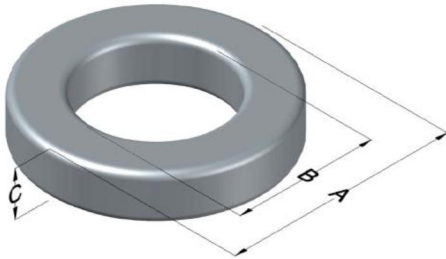




0077095A7

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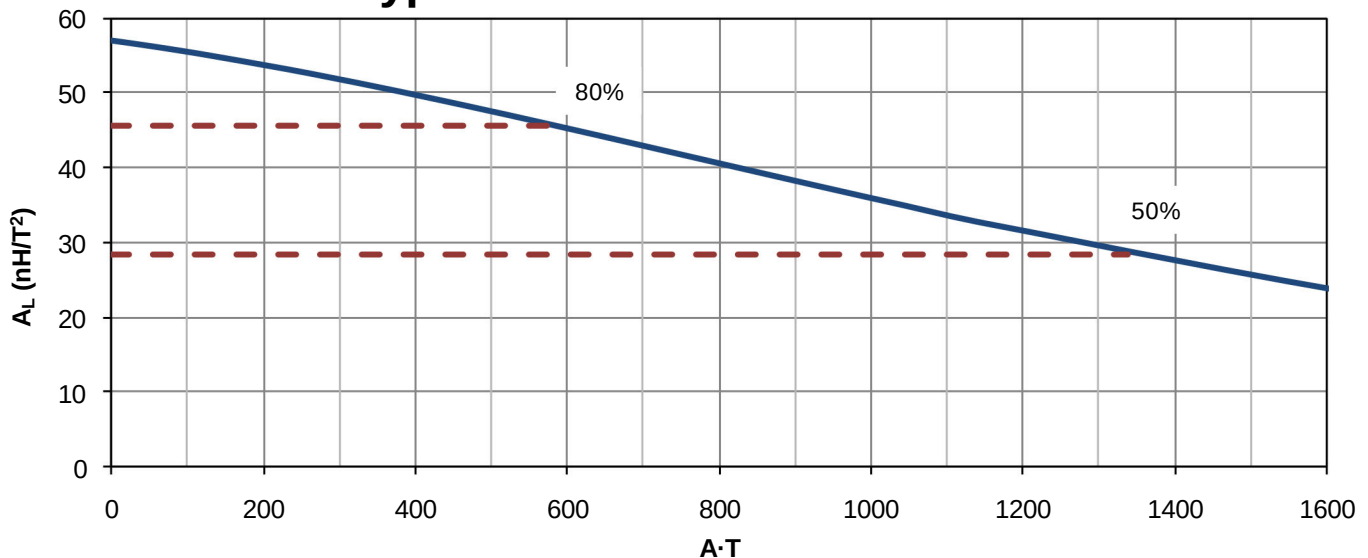
Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	57 ± 8%	XXXXXX	77095A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 120 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	
ID (B)	28.70	1.130	27.89	1.098	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)	Weight (g)
900	80%	50%	3000	99.0	610	134	116	15,600	86
	58.5	133							

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	52.0	Coating Temp (Continuous up to): 200°C	
					HT	24.9		
				Completely Full Window	Max OD	66.3	Notes:	
					Max HT	39.8		
0%	52.0	40%	66.4	Surface Area (mm²)				
20%	59.1	45%	68.2					
25%	61.0	50%	70.4					
30%	62.2	60%	74.7	Unwound Core		6,100		
35%	64.5	70%	79.5	40% Winding Factor		9,800		

Typical DC Bias Performance



Revision 9/30/2021