0077165A7

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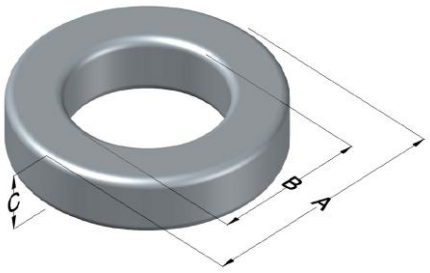


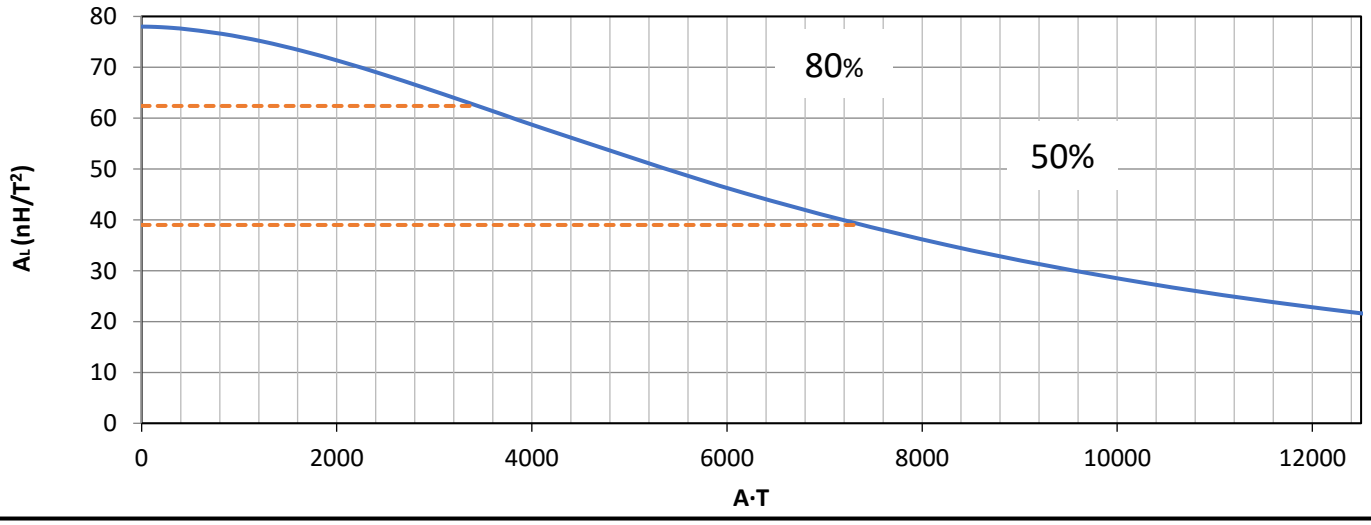
Kool Mμ Permeability (μ)	A_L (nH/T^2)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	78 ± 8%	XXXXXX	77165A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	165.10	6.500	166.50	6.555	max	Cardboard cut-outs Box Qty= 6 pcs
ID (B)	102.41	4.032	101.02	3.977	min	
HT (C)	31.75	1.250	33.15	1.305	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 50 mT max (mW/cm^3)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V_{AC})	Break Strength nom (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)
	80%	50%							
180	95	205	3000	494	8,010	986.5	412.4	407,000	2,150

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 187 / HT 63.8	Coating Temp (Continuous up to): 200°C
0%	132	40%	183	Completely Full Window	Max OD 197 / Max HT 105	Notes:
20%	158	45%	191	Surface Area (mm^2)		
25%	164	50%	198			
30%	169	60%	213	Unwound Core	55,000	
35%	177	70%	231	40% Winding Factor	99,000	

Typical DC Bias Performance



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