0077270AY

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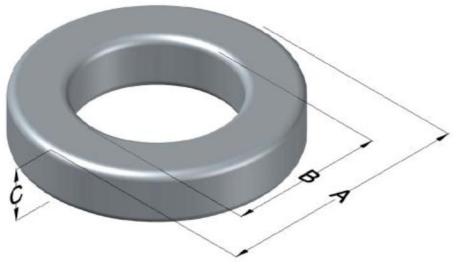
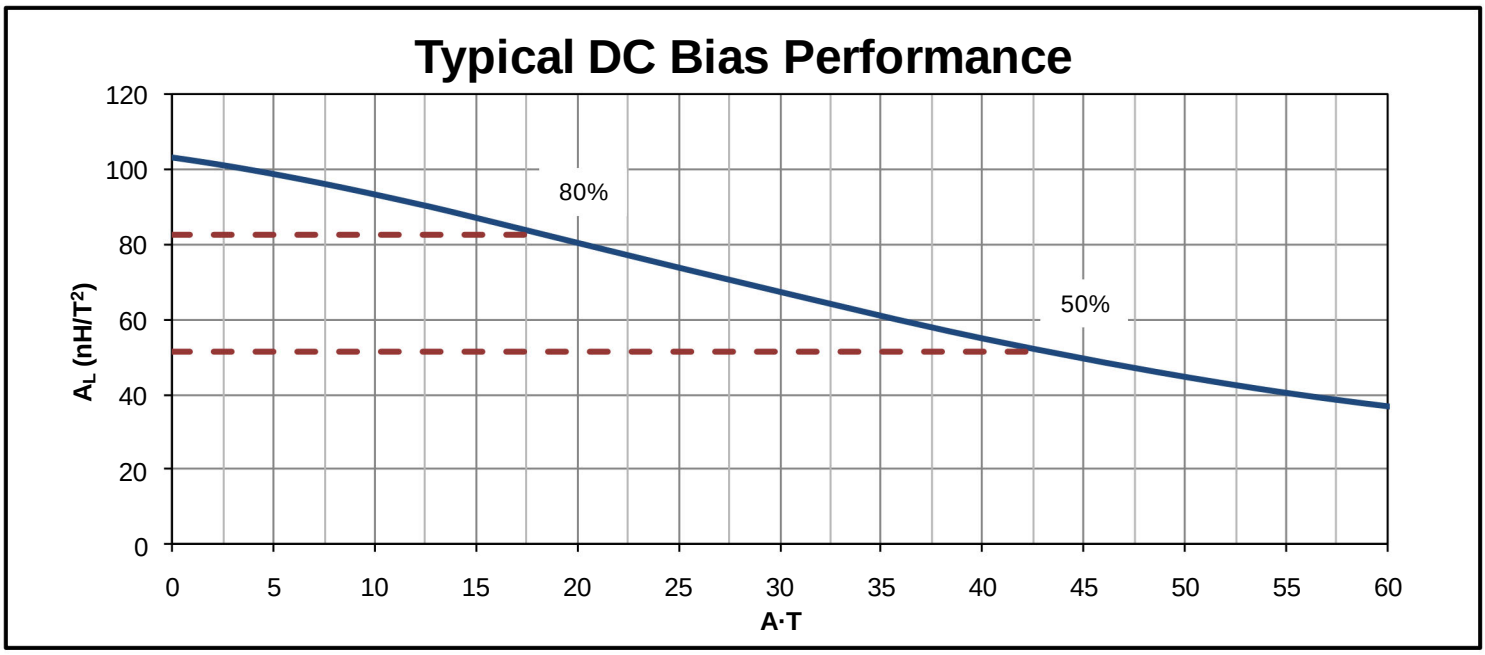


Kool Mμ Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	103 ± 12%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.06	0.278	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.67	0.105	2.34	0.092	min	
HT (C)	4.78	0.188	5.23	0.206	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)
	80%	50%							
750	14.0	35.0	600	11.0	36.3	9.20	13.6	125	0.7200

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	7.41	Coating Temp (Continuous up to): 130˚C
					HT	6.11	
				Completely Full Window	Max OD	9.17	Notes:
0%	15.9	40%	17.0		Max HT	7.42	Parylene coated, color appears clear to milky white.
20%	16.4	45%	17.2	Surface Area (mm²)			
25%	16.6	50%	17.3				
30%	16.7	60%	17.7	Unwound Core	230		
35%	16.9	70%	18.0	40% Winding Factor	260