C058350A2

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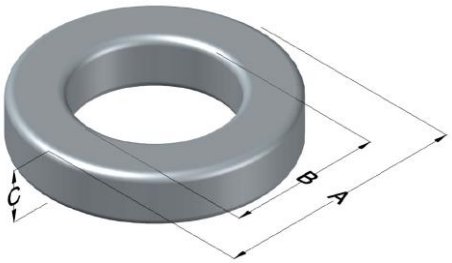


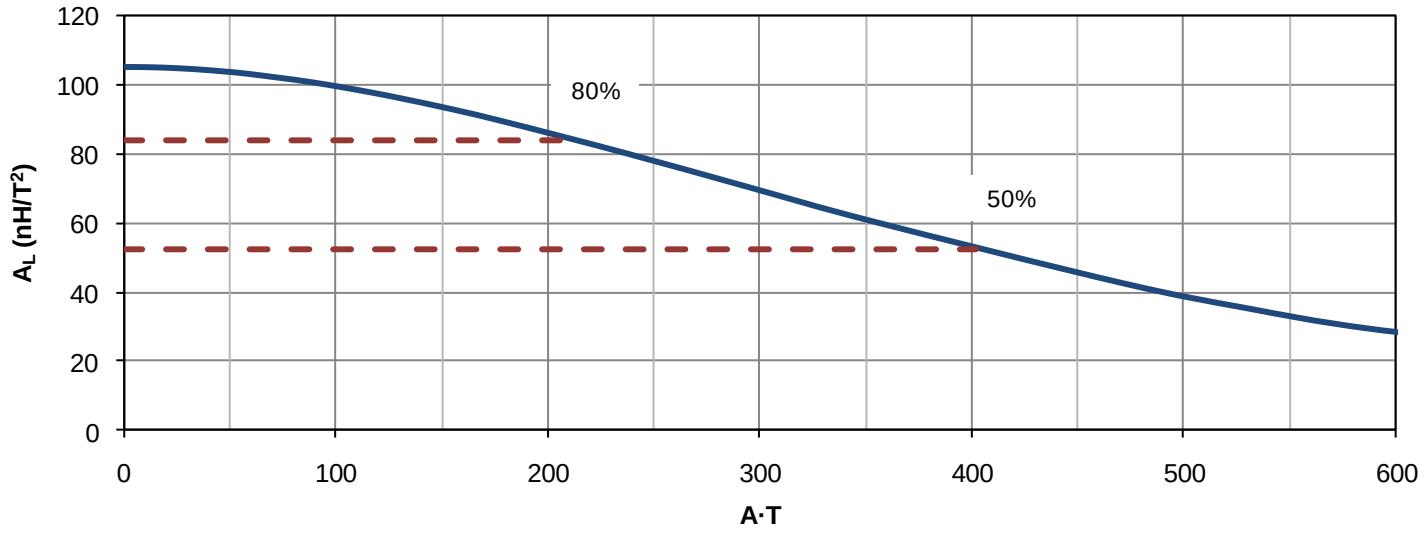
High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	105 ± 8%	XXXXXX	58350A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	23.6	0.928	24.4	0.958	max	Cardboard cut-outs Box Qty= 480 pcs
ID (B)	14.4	0.567	13.7	0.542	min	
HT (C)	8.89	0.350	9.66	0.380	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT typical (mW/cm³)	DC Bias typical (A·T/cm)		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%							
1275	34.2	66.0	1000	29	149	38.8	58.8	2,280	19

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 26.7 / HT 14.2	Coating Temp (Continuous up to): 200˚C
0%	29.8	40%	36.9	Completely Full Window	Max OD 33.5 / Max HT 21.4	Notes:
20%	33.4	45%	38.0			
25%	34.2	50%	38.9	Surface Area (mm²)		
30%	35.0	60%	41.1	Unwound Core	1,800	
35%	36.1	70%	43.6	40% Winding Factor	2,700	

Typical DC Bias Performance



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