C058548A2

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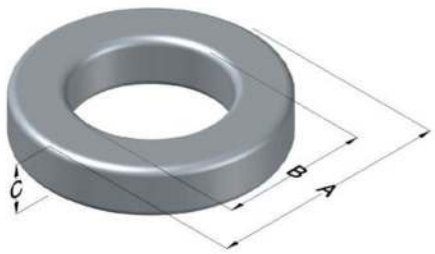


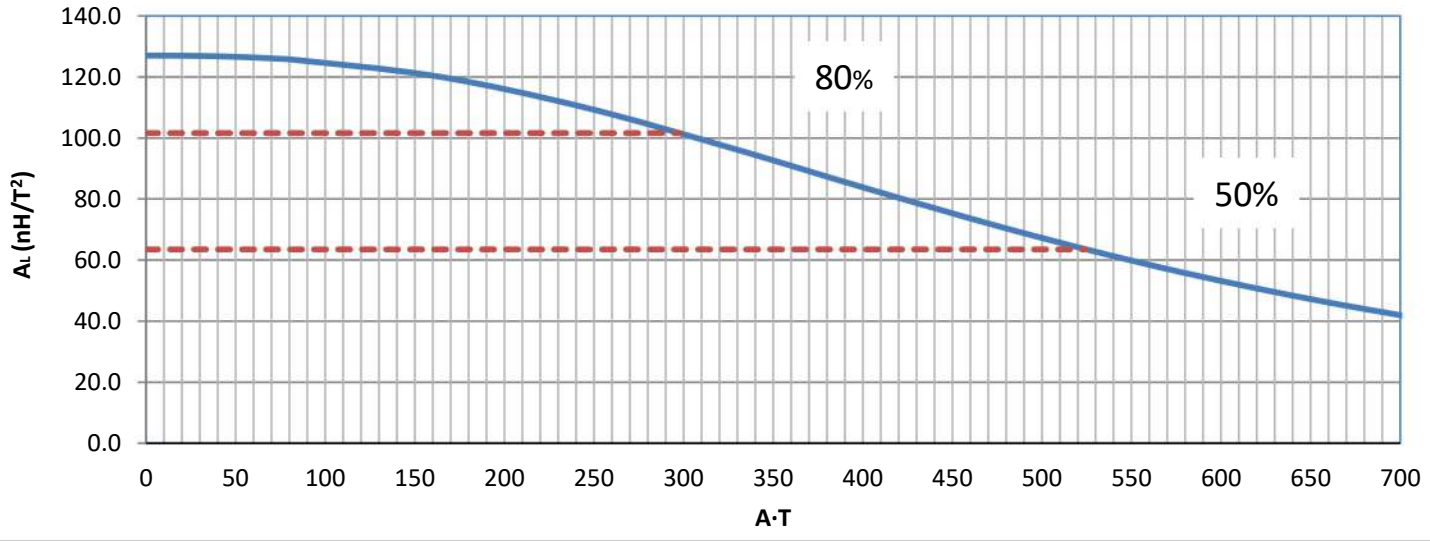
High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	127 ± 8%	XXXXXX	58548A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	32.79	1.291	33.66	1.325	max	Cardboard cut-outs Box Qty= 250 pcs
ID (B)	20.09	0.791	19.46	0.766	min	
HT (C)	10.67	0.420	11.43	0.450	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%							
1000	46.0	81.0	>3000	79.0	297	65.6	81.4	5340	44

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	36.8	Coating Temp (Continuous up to): 200˚C
					HT	17.8	
0%	37.1	40%	46.9	Completely Full Window	Max OD	46.7	Notes:
20%	42.1	45%	48.5		Max HT	28.0	
25%	43.2	50%	50.0	Surface Area (mm²)			
30%	44.4	60%	52.8	Unwound Core		3,100	
35%	45.9	70%	56.3	40% Winding Factor		4,900	

Typical DC Bias Performance



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