C058930A5

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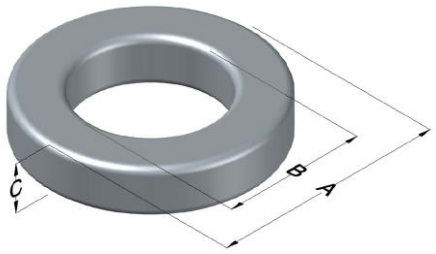


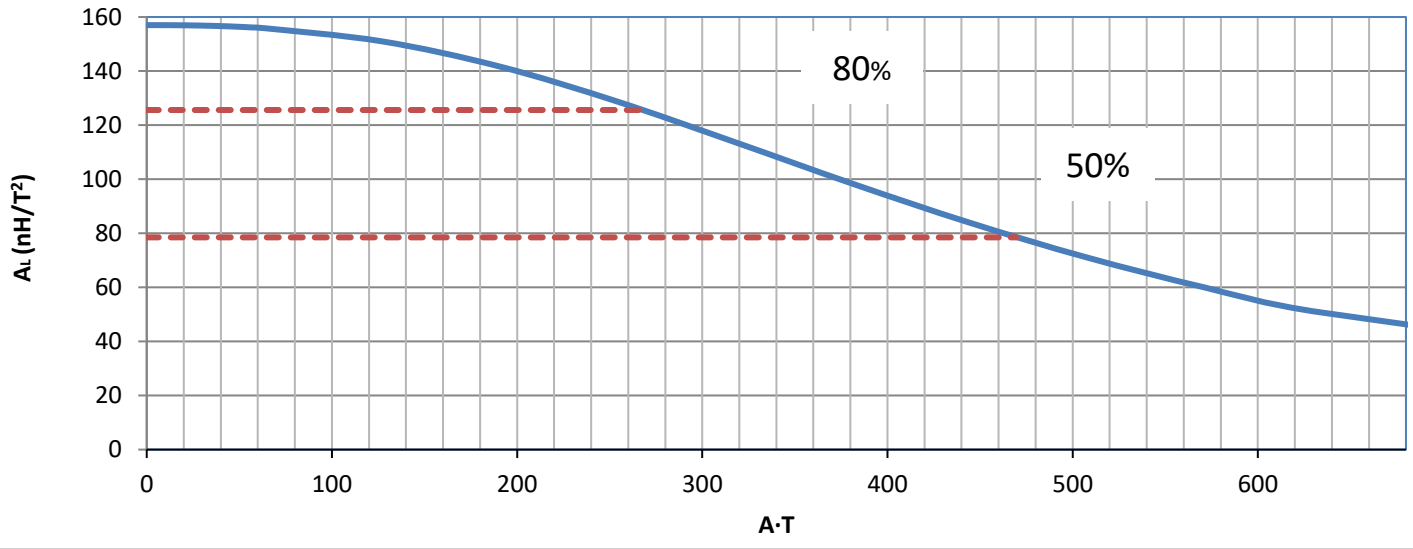
High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	157 ± 8%	XXXXXX	58930A5	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 400 pcs
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	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	77.0	156	65.4	63.5	4,150	34

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	30.0	Coating Temp (Continuous up to): 200˚C
					HT	16.5	
0%	37.5	40%	44.6	Completely Full Window	Max OD	37.3	Notes:
20%	41.1	45%	45.7		Max HT	24.0	
25%	41.9	50%	46.6	Surface Area (mm²)			
30%	42.8	60%	48.8	Unwound Core		2,400	
35%	43.8	70%	51.3	40% Winding Factor		3,500	

Typical DC Bias Performance



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