C058083A2

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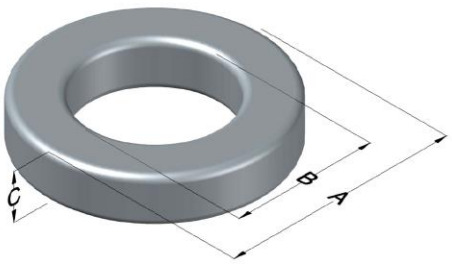


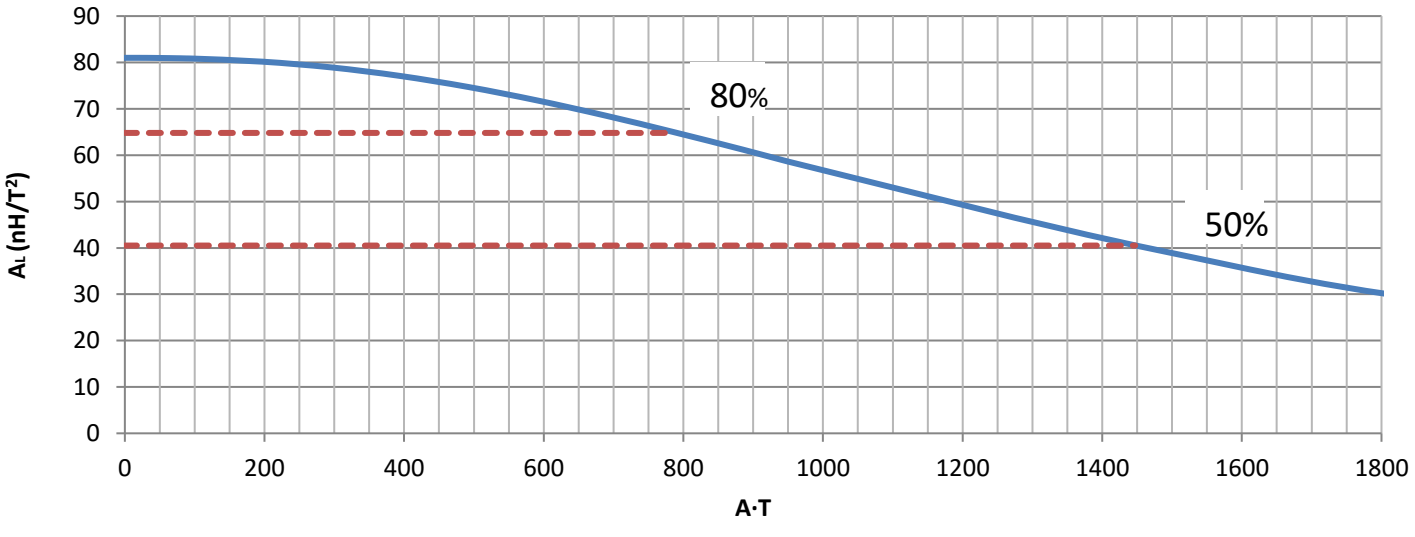
High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	81 ± 8%	XXXXXX	58083A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	39.90	1.570	40.77	1.605	max	Cardboard cut-outs Box Qty= 180 pcs
ID (B)	24.1	0.950	23.3	0.918	min	
HT (C)	14.5	0.570	15.4	0.605	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	90.0	170	2000	126.0	427	107	98.4	10,600	82

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	44.3	Coating Temp (Continuous up to): 200˚C
					HT	22.4	
				Completely Full Window	Max OD	56.4	Notes:
0%	48.2	40%	60.2		Max HT	35.2	
20%	54.3	45%	62.1	Surface Area (mm²)			
25%	55.8	50%	63.7				
30%	57.0	60%	67.3	Unwound Core		4,800	
35%	58.8	70%	71.5	40% Winding Factor		7,300	

Typical DC Bias Performance



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