C058378A2

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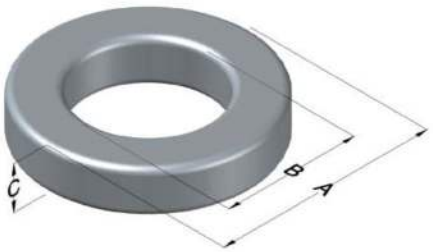


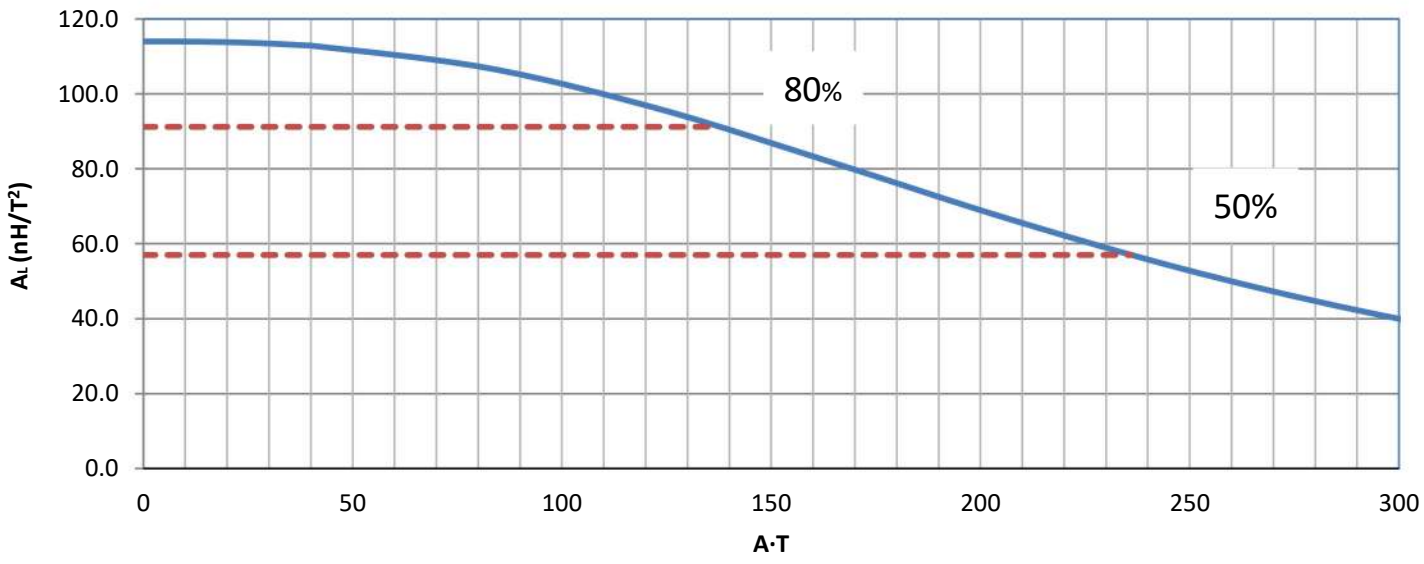
High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
160	114 ± 8%	XXXXXX	58378A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	17.27	0.680	18.03	0.710	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	9.65	0.380	9.02	0.355	min	
HT (C)	6.35	0.250	7.11	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm³)	DC Bias typical (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%							
1500	32.0	60.0	>2000	28.0	63.8	23.2	41.4	960	7.8540

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	19.6	Coating Temp (Continuous up to): 200˚C
					HT	10.1	
0%	23.2	40%	28.0	Completely Full Window	Max OD	24.9	Notes:
20%	25.6	45%	28.6		Max HT	16.3	
25%	26.2	50%	29.3	Surface Area (mm²)			
30%	26.6	60%	30.8	Unwound Core		990	
35%	27.4	70%	32.4	40% Winding Factor		1,400	

Typical DC Bias Performance



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