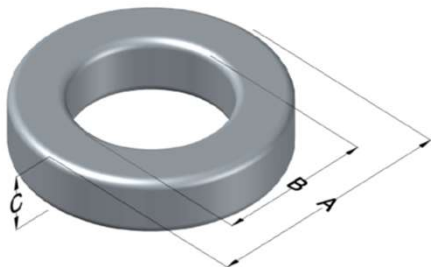




0059518A2

110 Delta Drive
Pittsburgh, PA 15238
NAFTA Sales: (1)800-245-3984
HK Sales : (852)3102-9337
magnetics@spang.com



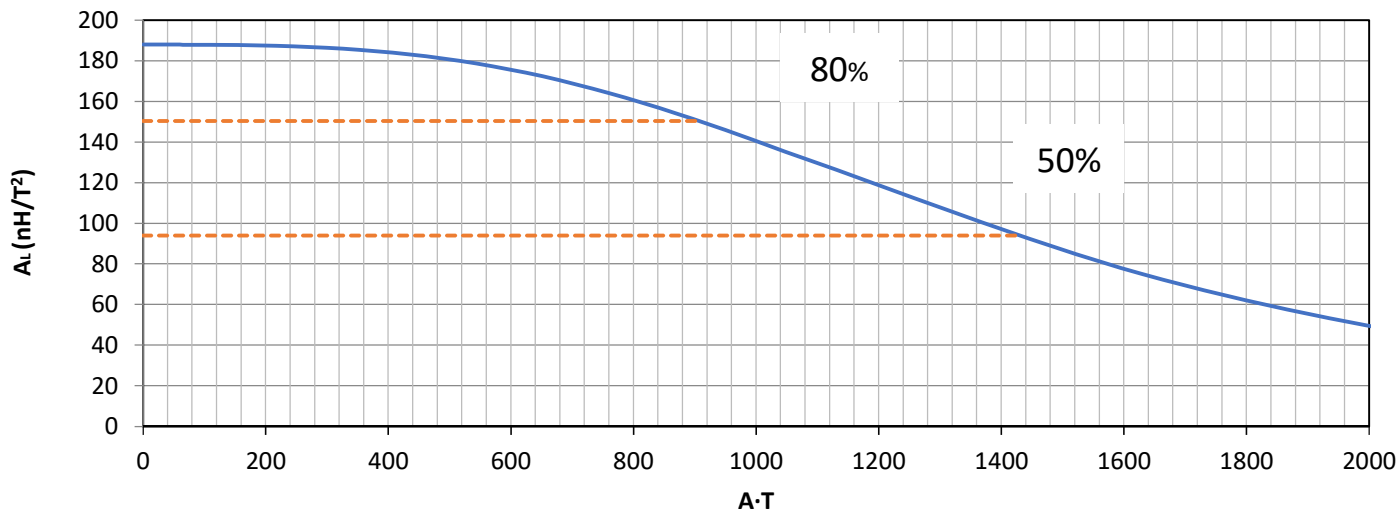
Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	188 $\pm$ 8%	XXXXXX	59518A2	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	52.10	2.051	53.00	2.087	max	Cardboard cut-outs Box Qty= 80 pcs
ID (B)	21.50	0.846	20.60	0.811	min	
HT (C)	15.20	0.598	16.10	0.634	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _a (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Est. Weight (g)
600	80%	50%	3000	136.0	333	217	109	23,500	138
	85	130							

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	55.2	Coating Temp (Continuous up to): 200°C
					HT	22.7	
				Completely Full Window	Max OD	57.4	Notes:
					Max HT	31.5	
0%	64.6	40%	75.3	Surface Area (mm²)			
20%	70.0	45%	76.8				
25%	71.3	50%	78.3				
30%	72.3	60%	81.5	Unwound Core		7,500	
35%	74.0	70%	85.2	40% Winding Factor		9,400	

Typical DC Bias Performance



Revision 5/20/2022