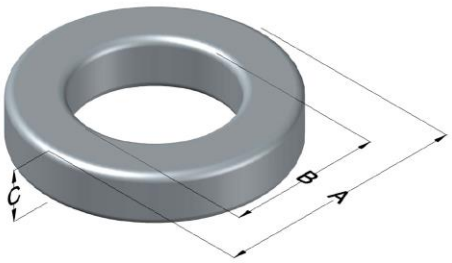
C058120A2

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

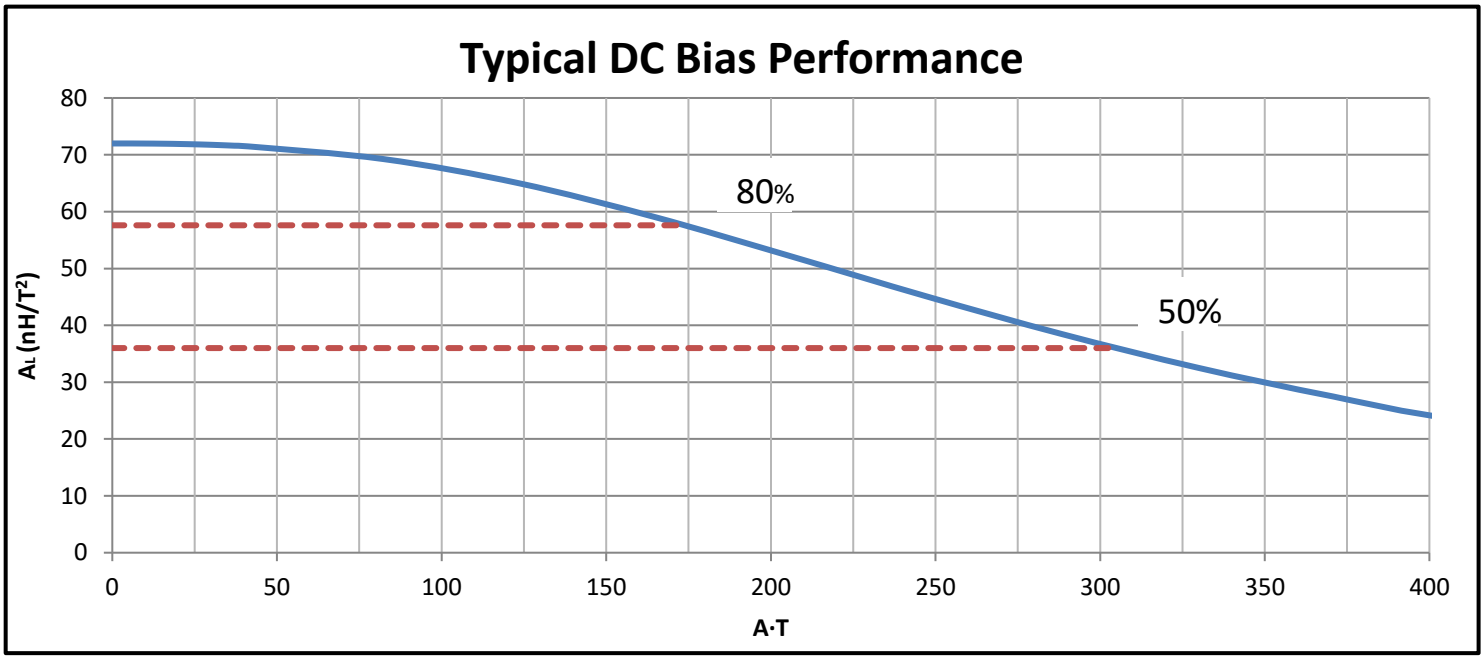


High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	72 ± 8%	XXXXXX	58120A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.6	0.653	17.3	0.680	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	10.2	0.400	9.52	0.375	min	
HT (C)	6.35	0.250	7.12	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm³)	DC Bias min (A·T/cm)		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	36.6	64.4	1000	14	71.2	19.2	41.2	791	6.3

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	18.8	Coating Temp (Continuous up to): 200˚C
					HT	10.1	
0%	22.1	40%	27.0	Completely Full Window	Max OD	23.7	Notes:
20%	24.6	45%	27.7		Max HT	15.2	
25%	25.2	50%	28.4	Surface Area (mm²)			
30%	25.6	60%	29.8	Unwound Core		920	
35%	26.4	70%	31.5	40% Winding Factor		1,300	



Revision 3/12/2018