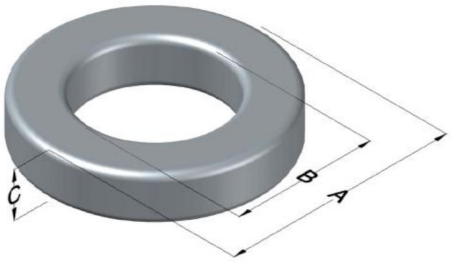
C058279A2

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

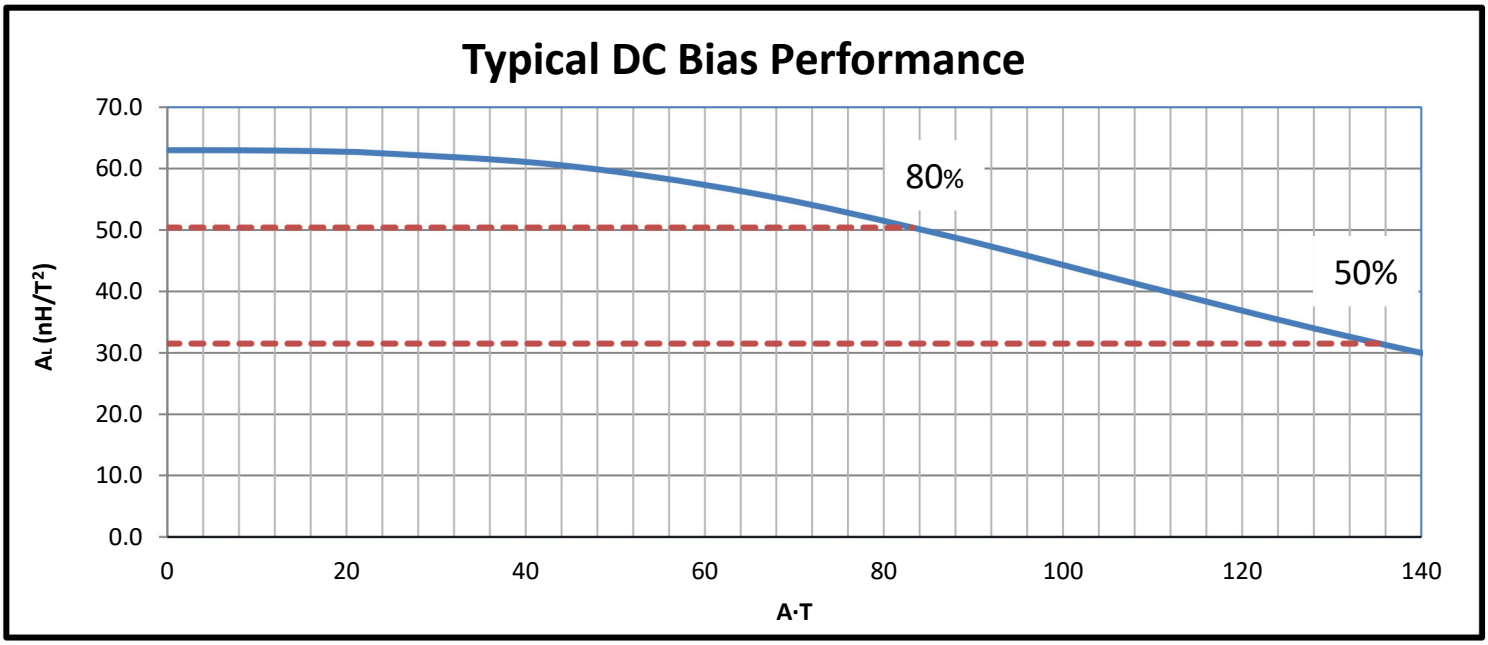


High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
147	63 ± 8%	XXXXXX	279A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	9.65	0.380	10.29	0.405	max	Bulk Pack 4 bags/box Box Qty= 8000 pcs
ID (B)	4.78	0.188	4.27	0.168	min	
HT (C)	3.18	0.125	3.81	0.150	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	38.0	65.0	1250	10.0	14.3	7.52	21.8	164	1.3260

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	11.0	Coating Temp (Continuous up to): 200˚C
0%	13.6	40%	15.9		HT	5.17	
20%	14.7	45%	16.2	Completely Full Window	Max OD	13.4	Notes:
25%	15.0	50%	16.5		Max HT	7.44	
30%	15.3	60%	17.2	Surface Area (mm²)			
35%	15.6	70%	17.9	Unwound Core		310	
				40% Winding Factor		410	



Revision 10/6/2021