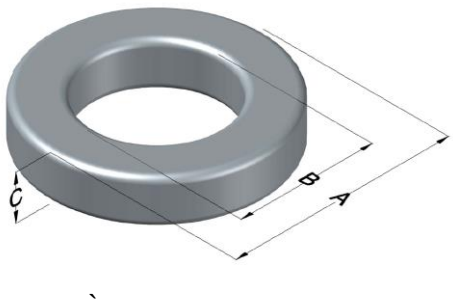
0078750A7

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

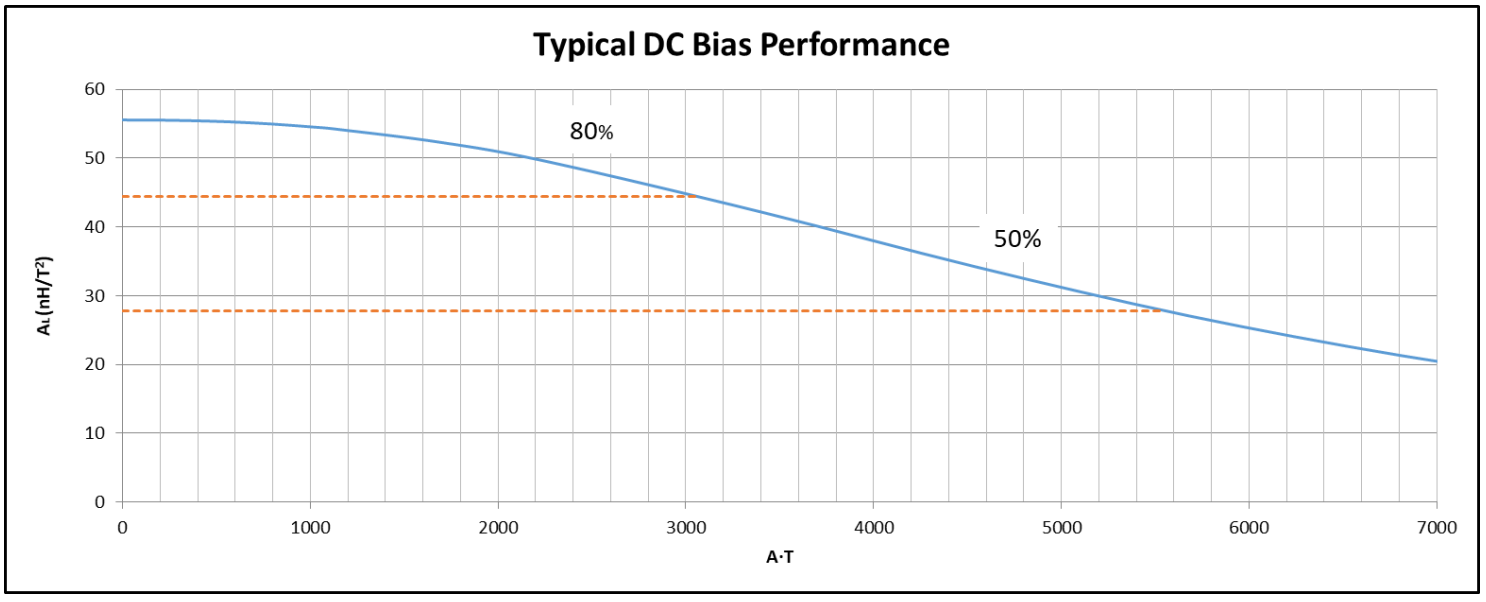


XFLUX Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
19	56 ± 8%	XXXXXX	78750A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.55	1.990	51.31	2.020	max	Cardboard cut-outs Box Qty= 70 pcs
ID (B)	24.89	0.980	23.88	0.940	min	
HT (C)	21.08	0.830	21.59	0.850	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 50mT 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%							
230	290	565	2000	95.0	452	262	113.5	29,700	194

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	64.0	Coating Temp (Continuous up to): 200˚C
					HT	39.6	
0%	131	40%	143	Completely Full Window	Max OD	72.0	Notes:
20%	137	45%	145		Max HT	42.0	
25%	138	50%	147	Surface Area (mm²)			
30%	140	60%	150	Unwound Core		23,310	
35%	142	70%	155	40% Winding Factor		33,600	



Revision 12/26/2018