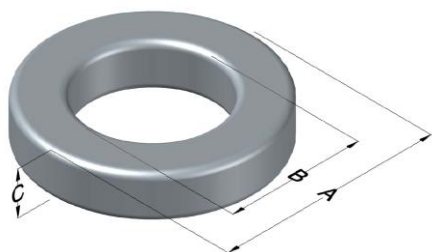




0077934A7

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



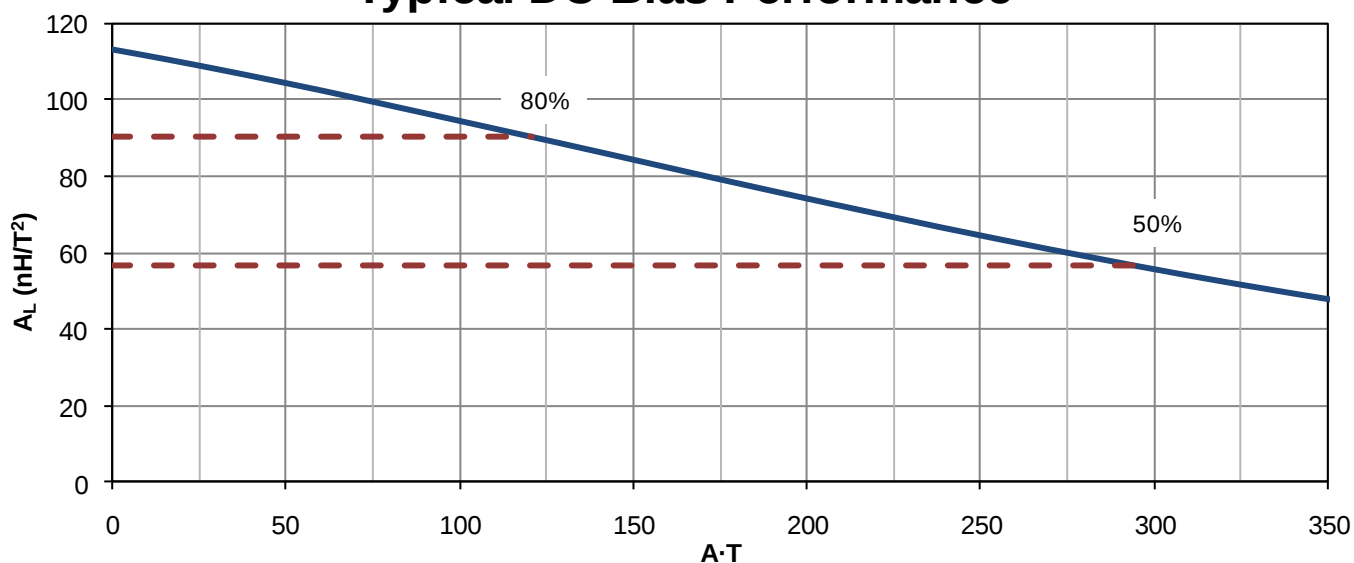
Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	113 ± 8%	XXXXXX	77934A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 400 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	26.90	1.060	27.69	1.090	max	
ID (B)	14.7	0.580	14.1	0.555	min	
HT (C)	11.2	0.440	12.0	0.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A-T/cm)		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)	Weight (g)
1000	80%	50%	2000	48	156	65.4	63.5	4,150	25
	15.5	41.3							

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	30.0	Coating Temp (Continuous up to): 200°C	
					HT	16.5		
				Completely Full Window	Max OD	37.3		Notes:
					Max HT	24.0		
0%	37.5	40%	44.6	Surface Area (mm²)				
20%	41.1	45%	45.7					
25%	41.9	50%	46.6					
30%	42.8	60%	48.8	Unwound Core		2,400		
35%	43.8	70%	51.3	40% Winding Factor		3,500		

Typical DC Bias Performance



Revision 12/4/2014