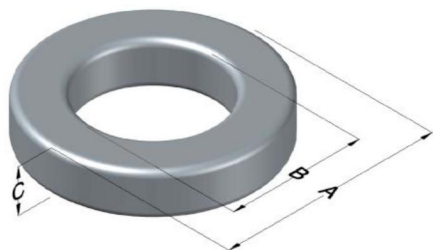




0077934A7

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= 360 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT 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)
750	80%	50%	>3000	77.0	156	65.4	63.5	4,150	25.22
	21.0	52.0							

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
					HT	16.5
				Completely Full Window	Max OD	37.3
					Max HT	24.0
0%	37.5	40%	44.6	Surface Area (mm ²)		
20%	41.1	45%	45.7			
25%	41.9	50%	46.6	Unwound Core		
30%	42.8	60%	48.8			
35%	43.8	70%	51.3	40% Winding Factor		

Typical DC Bias Performance

