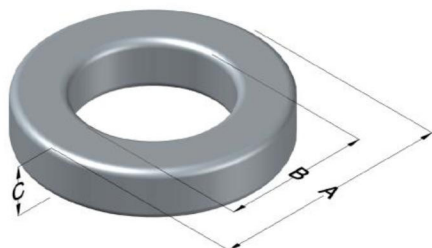




0077930A7HT23

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	
125	314 ± 8%	XXXXXX	77930A7HT23	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 200 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)	22.4	0.880	23	0.905	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		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)
750	80%	50%	3000	77.0	156	131	63.5	8320	51
	14	35							

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	36.5		
				Completely Full Window	Max OD	37.3		Notes:
					Max HT	44.0		
0%	59.6	40%	66.8	Surface Area (mm²)				
20%	63.1	45%	67.8					
25%	64.0	50%	68.7					
30%	64.9	60%	70.9	Unwound Core		5,100		
35%	65.8	70%	73.4	40% Winding Factor		6,200		

Typical DC Bias Performance

