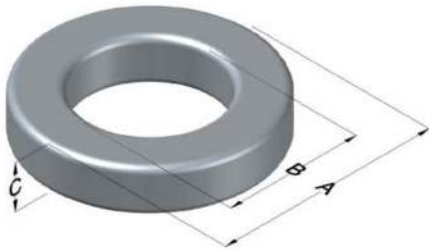




0058740A2

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/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	425 $\pm$ 8%	XXXXXX	58740A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 24 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	74.09	2.917	75.21	2.961	max	
ID (B)	45.29	1.783	44.40	1.748	min	
HT (C)	35.00	1.378	35.92	1.414	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)
1500	80%	50%	3000	227.0	1,550	497	184	91,400	750
	46	81							

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	91.0	Coating Temp (Continuous up to): 200°C	
					HT	55.2		
				Completely Full Window	Max OD	102	Notes:	
Max HT	65.7							
0%	102	40%	125	Surface Area (mm²)				
20%	114	45%	129					
25%	117	50%	132					
30%	119	60%	139	Unwound Core		19,000		
35%	122	70%	147	40% Winding Factor		33,000		

Typical DC Bias Performance

