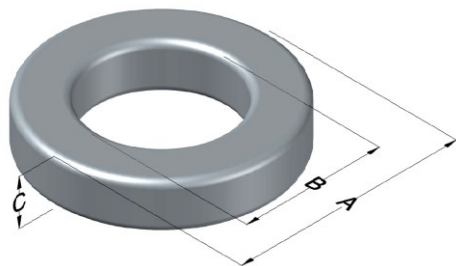




**0078548A7**

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 ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	127 $\pm$ 8%	XXXXXX	78548A7	N/A	Brown

Dimensions					Packaging
Uncoated			Coated Limits		
	(mm)	(in)	(mm)	(in)	
OD (A)	32.79	1.291	33.66	1.325	max
ID (B)	20.09	0.791	19.46	0.766	min
HT (C)	10.67	0.420	11.43	0.450	max

Cardboard cut-outs  
Box Qty = 250 Pcs

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 100mT (max, mW/cm <sup>3</sup> )	DC Bias min (Oersteds)		Voltage Breakdown wire-to-wire min (V <sub>AC</sub> )	Break Strength (min, kg)	Window Area, W <sub>A</sub> (mm <sup>2</sup> )	Cross Section, A <sub>e</sub> (mm <sup>2</sup> )	Path Length, L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
	80%	50%							
TBD	TBD	TBD	2000	78.9	296	65.6	81.4	5340	40.1

Winding Information					Temperature Rating	
Winding Length per Turn			Wound Coil Dimensions (mm)		Curie Temp (°C):	700 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	36.8
0%	37.4	40%	47.2	Completely Full Window	HT	17.8
20%	42.4	45%	48.8		Max OD	46.7
25%	43.5	50%	50.1	Max HT	28.0	Notes:
30%	44.7	60%	53.2	Surface Area (mm <sup>2</sup> )		
35%	46.1	70%	56.7	Unwound Core:	3100	
				40% Wound:	4900	

