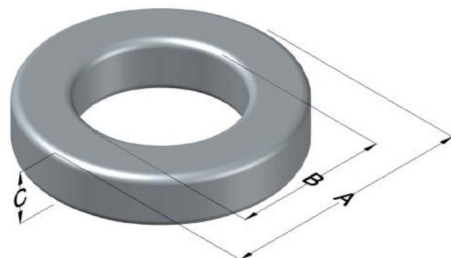




0078121A7S01

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 (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	35 $\pm$ 8%	XXXXXX	78121A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.59	0.653	17.27	0.680	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	10.16	0.400	9.53	0.375	min	
HT (C)	6.35	0.250	7.11	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 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)
900	80%	50%	1250	23.0	71.2	19.2	41.2	791	5.6000
	100	170							

Winding Information						Temperature Rating		
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 700°C	
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	18.8	Coating Temp (Continuous up to): 200°C	
					HT	10.1		
				Completely Full Window	Max OD	23.7	Notes:	
					Max HT	15.2		
0%	22.0	40%	26.8	Surface Area (mm²)				
20%	24.4	45%	27.6					
25%	25.0	50%	28.3					
30%	25.6	60%	29.7	Unwound Core		920		
35%	26.2	70%	31.4	40% Winding Factor		1,300		

Typical DC Bias Performance

