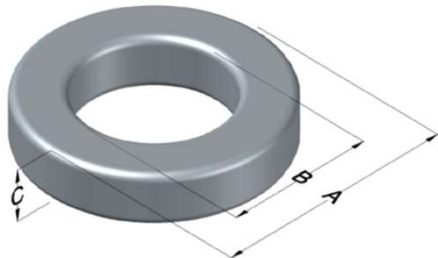




0078390A7S01

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 Si Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	53 $\pm$ 8%	XXXXXX	78390A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 160 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	40.13	1.580	40.94	1.612	max	
ID (B)	22.08	0.869	21.27	0.837	min	
HT (C)	17.00	0.669	17.89	0.704	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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)
1000	80%	50%	3000	450.0	355	153	94.9	14,600	101
	230	420							

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	45.3	Coating Temp (Continuous up to): 200°C
					HT	24.5	
				Completely Full Window	Max OD	47.5	Notes:
					Max HT	33.3	
				0%	55.5	40%	
20%	61.0	45%	68.1				
25%	62.3	50%	69.5				
30%	63.5	60%	72.8	Unwound Core		5,400	
35%	65.1	70%	76.7	40% Winding Factor		7,500	

Typical DC Bias Performance

