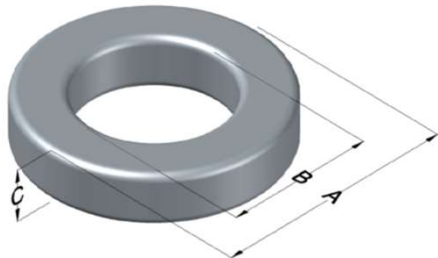




0078439A7S01

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	
60	135 $\pm$ 8%	XXXXXX	78439A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 105 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	18.03	0.710	18.92	0.745	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)
900	80%	50%	3000	233.0	427	198	107.4	21,300	160
	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	52.4	Coating Temp (Continuous up to): 200°C
					HT	26.1	
				Completely Full Window	Max OD	54.8	Notes:
					Max HT	35.7	
				0%	62.2	40%	
20%	68.3	45%	76.0				
25%	69.7	50%	77.6				
30%	71.0	60%	81.3	Unwound Core		6,900	
35%	72.8	70%	85.6	40% Winding Factor		9,500	

Typical DC Bias Performance

