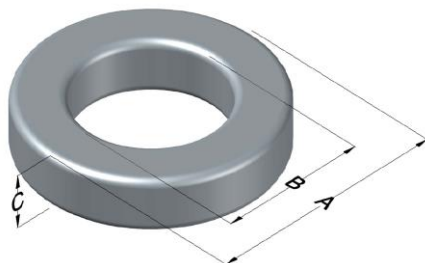




0074439A7

110 Delta Drive
Pittsburgh, PA 15238
NAFTA Sales: (1)800-245-3984
HK Sales : (852)3102-9337
magnetics@spang.com



Xflux Ultra Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	139 $\pm$ 8%	XXXXXX	74439A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= 105 pcs
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 @ 50 kHz, 100 mT 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)	Est. Weight (g)
575	80%	50%	3000	233.0	427	198	107	21,300	155
	90	160							

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	52.1		
					HT	27.8		
				Completely Full Window	Max OD	56.5		Notes:
					Max HT	36.7		
0%	62.2	40%	75.1	Surface Area (mm ²)				
20%	69.1	45%	76.4					
25%	69.1	50%	78.2					
30%	71.2	60%	82.1					
35%	73.6	70%	86.6	Unwound Core		6,900		
				40% Winding Factor		9,700		

Typical DC Bias Performance

