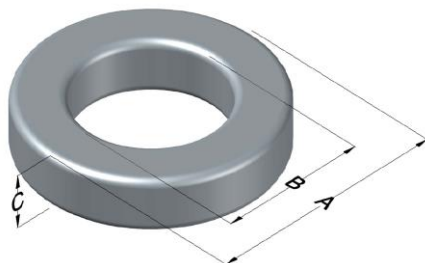




0074192A7

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Pittsburgh, PA 15238
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magnetics@spang.com



Xflux Ultra Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	138 $\pm$ 8%	XXXXXX	74192A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.04	2.285	max	Cardboard cut-outs Box Qty = TBD
ID (B)	26.39	1.039	25.58	1.007	min	
HT (C)	15.24	0.600	16.13	0.635	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	163.0	514	229	125	28,600	207
	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	62.5		
					HT	25.0		
				Completely Full Window	Max OD	66.9		Notes:
					Max HT	38.4		
				0%	64.7	40%		78.6 <th colspan="3">Surface Area (mm²)</th>
20%	71.7	45%	80.3 <th colspan="3"></th>					
25%	72.2	50%	82.5 <th colspan="3"></th>					
30%	75.2	60%	86.7 <th colspan="2">Unwound Core</th> <td>8,500</td> <th rowspan="2"></th>	Unwound Core		8,500		
35%	77.3	70%	91.6 <th colspan="2">40% Winding Factor</th> <td>12,000</td>	40% Winding Factor		12,000		

Typical DC Bias Performance

