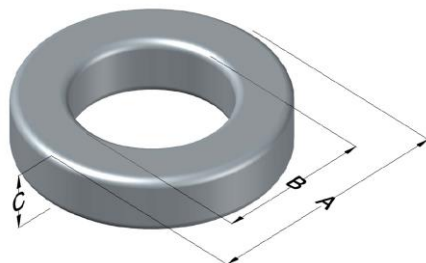




0074083A7

110 Delta Drive
Pittsburgh, PA 15238
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Xflux Ultra Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	82 $\pm$ 8%	XXXXXX	74083A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	40.77	1.605	max	Cardboard cut-outs Box Qty = TBD
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	14.48	0.570	15.37	0.605	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	126.0	427	107	98.5	10,600	77.3
	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	45.2		
					HT	24.3		
				Completely Full Window	Max OD	49.7		Notes:
					Max HT	33.2		
0%	48.2	40%	61.1	Surface Area (mm ²)				
20%	55.2	45%	62.5					
25%	55.2	50%	64.2					
30%	57.3	60%	68.2	Unwound Core		4,900		
35%	59.6	70%	72.6	40% Winding Factor		7,400		

Typical DC Bias Performance

