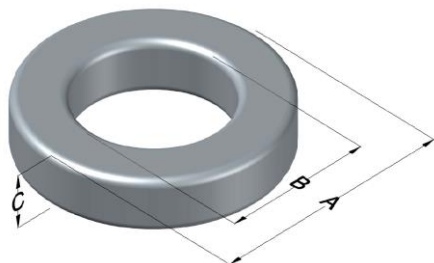




0074189A7

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Xflux Ultra Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	92 $\pm$ 8%	XXXXXX	74189A7	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= 80 pcs
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)
625	80%	50%	3000	163.0	514	229	125	28,600	4.03
	130	240							

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	
					HT	
0%	64.7	40%	78.6	Completely Full Window	Max OD	Notes:
20%	71.7	45%	80.3		Max HT	
25%	72.2	50%	82.5	Surface Area (mm ²)		
30%	75.2	60%	86.7			
35%	77.3	70%	91.6	Unwound Core	8,500	
				40% Winding Factor	12,000	

Typical DC Bias Performance

