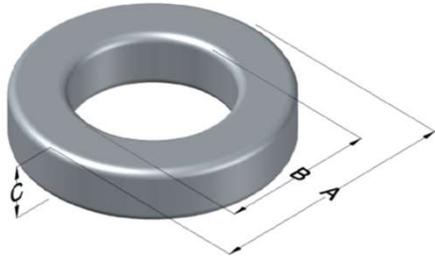




**0078450A7S01**

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Xflux Si Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	72 ± 8%	XXXXXX	78450A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	42.90	1.689	43.84	1.726	max	Cardboard cut-outs Box Qty = 120 Pcs
ID (B)	24.21	0.953	23.39	0.921	min	
HT (C)	16.26	0.640	17.27	0.680	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>a</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
	80%	50%							
925	140	250	3000	98.8	430	146	102.6	15,000	110

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	48.6
					HT	24.5
0%	55.0	40%	66.8	Completely Full Window	Max OD	51.0
20%	61.0	45%	68.6		Max HT	34.1
25%	62.4	50%	70.2	Surface Area (mm <sup>2</sup> )		
30%	63.6	60%	73.8	Unwound Core	5,800	
35%	65.5	70%	77.9	40% Winding Factor	8,300	
Coating Temp (Continuous up to): 200°C						
Notes:						

