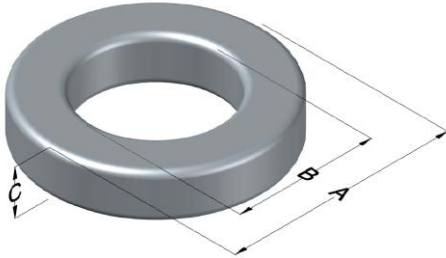




0078356A7S01

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	34 $\pm$ 8%	XXXXXX	78356A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 720 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	23.57	0.928	24.33	0.958	max	
ID (B)	14.40	0.567	13.77	0.542	min	
HT (C)	8.89	0.350	9.65	0.380	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
925	80%	50%	2000	47.0	149	38.8	58.8	2,280	17
	140	250							

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	26.7	Coating Temp (Continuous up to): 200°C
					HT	14.2	
				Completely Full Window	Max OD	33.5	Notes:
					Max HT	21.4	
0%	29.8	40%	36.9	Surface Area (mm²)			
20%	33.4	45%	38.0				
25%	34.2	50%	38.9	Unwound Core			
30%	35.0	60%	41.1				
35%	36.1	70%	43.6	40% Winding Factor		2,700	

Typical DC Bias Performance

