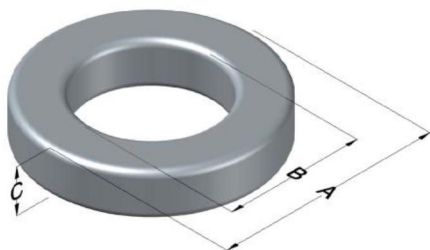




0078386A7S01

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	28 $\pm$ 8%	XXXXXX	78386A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 2000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	17.27	0.680	18.03	0.710	max	
ID (B)	9.65	0.380	9.02	0.355	min	
HT (C)	6.35	0.250	7.11	0.280	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	28.0	63.8	23.2	41.4	960	7.4000
	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	19.6	Coating Temp (Continuous up to): 200°C	
					HT	10.1		
				Completely Full Window	Max OD	24.9		Notes:
					Max HT	16.3		
0%			23.2			40%	28.0	
20%			25.6			45%	28.6	
25%			26.2			50%	29.3	
30%			26.6			60%	30.8	
35%			27.4			70%	32.4	
				Surface Area (mm²)				
				Unwound Core		990		
				40% Winding Factor		1,400		

Typical DC Bias Performance

