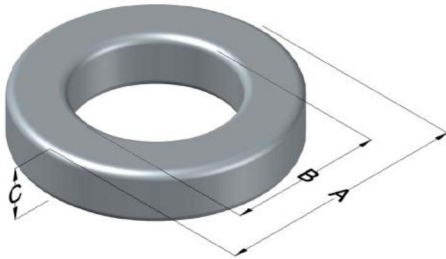




0078316A7S01

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	29 $\pm$ 8%	XXXXXX	78316A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 1000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	
ID (B)	13.97	0.550	13.34	0.525	Min	
HT (C)	7.62	0.300	8.38	0.330	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%	3000	39.0	139	31.7	56.7	1,800	14
	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	25.7	Coating Temp (Continuous up to): 200°C	
					HT	12.4		
				Completely Full Window	Max OD	32.6	Notes:	
					Max HT	19.8		
0%	27.0	40%	33.9	Surface Area (mm²)				
20%	30.5	45%	34.9					
25%	31.3	50%	35.9					
30%	32.0	60%	38.0	Unwound Core		1,600		
35%	33.1	70%	40.4	40% Winding Factor		2,400		

