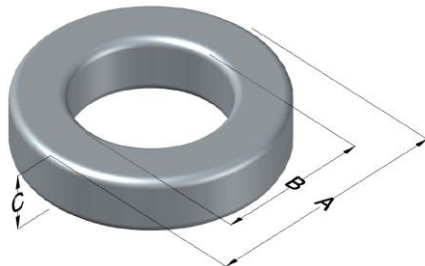




0078936A7S01

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High Bias XFlux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	50 $\pm$ 8%	XXXXXX	78936A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 400 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	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)
925	80%	50%	3000	77.0	156	65.4	63.5	4,150	31
	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	30.9	Coating Temp (Continuous up to): 200°C
					HT	16.7	
				Completely Full Window	Max OD	30.9	Notes:
					Max HT	21.5	
0%	37.5	40%	44.8	Surface Area (mm ²)			
20%	41.1	45%	45.6				
25%	42.1	50%	46.8				
30%	42.8	60%	49.0	Unwound Core		2,500	
35%	43.8	70%	51.4	40% Winding Factor		3,500	

Typical DC Bias Performance

