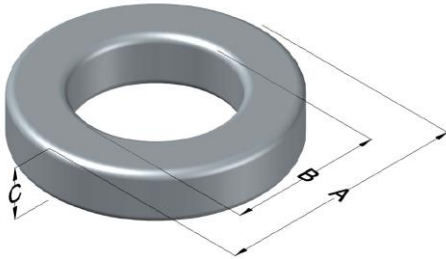




0078113A7

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XF _{Lux} Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	23.5 ± 8%	XXXXXX	78113A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.6	0.653	17.3	0.680	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	10.2	0.400	9.52	0.375	min	
HT (C)	6.35	0.250	7.12	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT 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)	Weight (g)
	850	80%							
	120	230							

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		Coating Temp (Continuous up to): 200°C
				OD	18.8	
				HT	10.1	Notes:
				Max OD	23.7	
				Max HT	15.2	
0%	22.1	40%	27.0	Completely Full Window		
20%	24.6	45%	27.7	Surface Area (mm ²)		
25%	25.2	50%	28.4			
30%	25.6	60%	29.8	Unwound Core	920	
35%	26.4	70%	31.5	40% Winding Factor	1,300	

