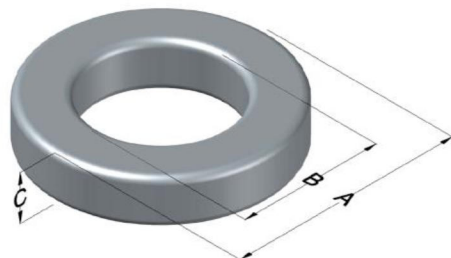




0075113A7

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X _F LUX Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	24 ± 8%	XXXXXX	75113A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 2000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	16.59	0.653	17.27	0.680	max	
ID (B)	10.16	0.400	9.53	0.375	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)
850	80%	50%	1250	23.0	71.2	19.2	41.2	791	7.65
	85.0	180							

Winding Information						Temperature Rating		
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 500°C	
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	18.8	Coating Temp (Continuous up to): 200°C	
					HT	10.1		
				Completely Full Window	Max OD	23.7	Notes:	
					Max HT	15.2		
0%	22.0	40%	26.8	Surface Area (mm²)				
20%	24.4	45%	27.6					
25%	25.0	50%	28.3					
30%	25.6	60%	29.7	Unwound Core		920		
35%	26.2	70%	31.4	40% Winding Factor		1,300		

Typical DC Bias Performance

