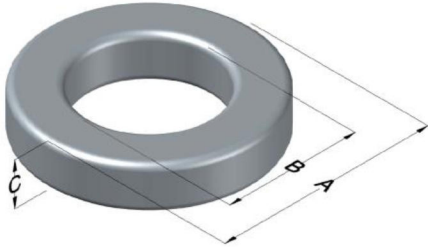




0078871A7

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XFLUX Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	85 ± 8%	XXXXXX	78871A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 45 pcs
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	12.70	0.500	13.84	0.545	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)
	80%	50%							
700	63.0	120	3000	141.0	1,820	176	196	34,500	245

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	86.6	
						HT	29.1	
				Completely Full Window		Max OD	112	
						Max HT	54.3	
				Surface Area (mm ²)			Notes:	
				Unwound Core		11,000		
				40% Winding Factor		23,000		
0%	58.4	40%	83.5				Coating Temp (Continuous up to): 200°C	
20%	70.9	45%	86.7					
25%	74.1	50%	90.4					
30%	76.3	60%	98.1					
35%	80.4	70%	107					

