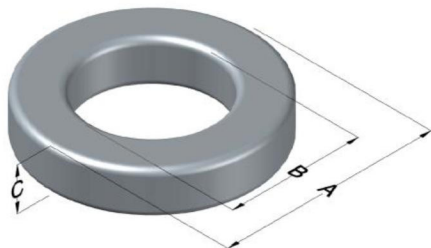




0075907A7

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75 Material Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	85 $\pm$ 8%	XXXXXX	75907A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 40 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	15.88	0.625	17.02	0.670	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)
720	80%	50%	3000	141.0	1,820	221	196	43,400	310
	60.0	135							

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	86.6	Coating Temp (Continuous up to): 200°C	
					HT	29.1		
				Completely Full Window	Max OD	112	Notes:	
					Max HT	54.3		
				Surface Area (mm²)				
				Unwound Core			11,000	
				40% Winding Factor			23,000	
0%	64.7	40%	89.9					
20%	77.2	45%	93.1					
25%	80.5	50%	96.8					
30%	82.7	60%	104					
35%	86.8	70%	113					

Typical DC Bias Performance

