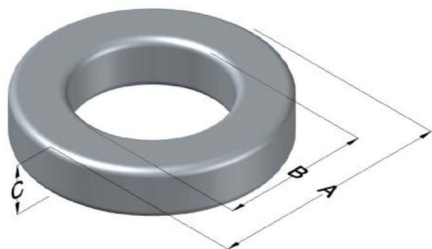




0075591A7

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magnetics@spang.com
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75 Material Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	25 $\pm$ 8%	XXXXXX	75591A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 300 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	34.29	1.350	35.18	1.385	max	
ID (B)	23.37	0.920	22.56	0.888	min	
HT (C)	8.89	0.350	9.78	0.385	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%	50%	3000	54	399	46.4	89.5	4,150	27
	85	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	40.5	Coating Temp (Continuous up to): 200°C	
					HT	16.8		
	Completely Full Window	Max OD	50.1	Notes:				
		Max HT	29.0					
0%	32.2	40%	44.0		Surface Area (mm²)			
20%	38.1	45%	45.6					
25%	39.6	50%	47.3					
30%	40.6	60%	50.8	Unwound Core		2,900		
35%	42.5	70%	54.9	40% Winding Factor		5,500		

Typical DC Bias Performance

