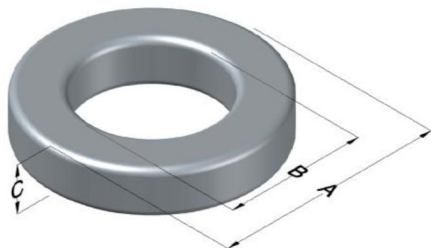




0077616A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	126 ± 8%	XXXXXX	77616A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 45 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	61.98	2.440	63.09	2.484	max	
ID (B)	32.59	1.283	31.70	1.248	min	
HT (C)	24.99	0.984	25.91	1.020	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 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)
900	80%	50%	3000	193.0	789	360	144	51,800	310
	58.5	133							

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	75.3	Coating Temp (Continuous up to): 200°C
					HT	39.7	
				Completely Full Window	Max OD	81.4	Notes:
Max HT	47.4						
0%	83.0	40%	99.5	Surface Area (mm²)			
20%	91.3	45%	102				
25%	93.4	50%	104				
30%	94.9	60%	109	Unwound Core		12,000	
35%	97.5	70%	115	40% Winding Factor		21,000	

Typical DC Bias Performance

