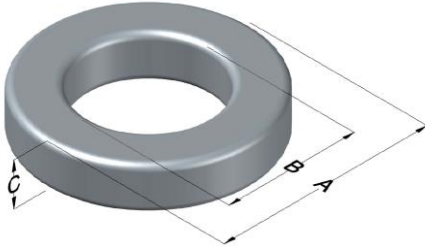




**0079721A7**

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Kool M $\mu$ MAX Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	49 ± 8%	XXXXXX	79721A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.80	2.000	51.69	2.035	max	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	31.80	1.250	30.93	1.218	min	
HT (C)	13.5	0.530	14.4	0.565	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (A-T/cm)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>A</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
	80%	50%							
700	65.9	143	2000	92	751	125	127	15,900	95

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		Coating Temp (Continuous up to): 200°C
				OD	56.6	Notes:
0%	49.5	40%	65.5	HT	24.2	
				Max OD	72.4	
20%	57.4	45%	67.7	Max HT	40.6	
25%	59.6	50%	70.1	Surface Area (mm <sup>2</sup> )		
30%	61.0	60%	74.9	Unwound Core	6,400	
35%	63.5	70%	80.3	40% Winding Factor	11,000	

