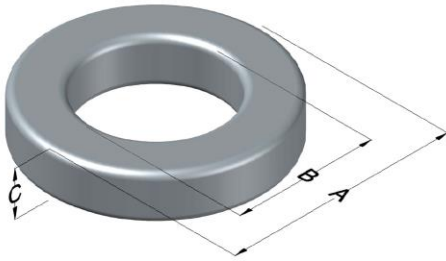




**0079095A7**

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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	57 ± 8%	XXXXXX	79095A7	N/A	Black

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	46.70	1.840	47.63	1.875	Cardboard cut-outs Box Qty= 120 pcs
ID (B)	28.70	1.130	27.88	1.098	
HT (C)	15.2	0.600	16.2	0.635	

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	98	610	134	116	15,600	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	52.0	
0%	52.0	40%	66.4	Completely Full Window		Notes:
				HT	24.9	
20%	59.1	45%	68.2	Max OD	66.3	
25%	61.0	50%	70.4	Max HT	39.8	
				Surface Area (mm <sup>2</sup> )		
30%	62.2	60%	74.7	Unwound Core	6,100	
35%	64.5	70%	79.5	40% Winding Factor	9,800	

