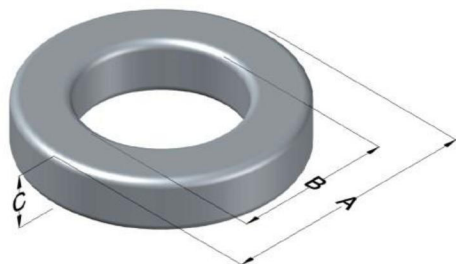




**0076386A7**

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Kool M $\mu$ Hf Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	28 $\pm$ 8%	XXXXXX	76386A7	N/A	Black

Dimensions					Packaging	
Uncoated			Coated Limits			
	(mm)	(in)	(mm)	(in)		
OD (A)	17.27	0.680	18.03	0.710	max	Bulk Pack: 4 bags/box Box Qty = 2000 Pcs
ID (B)	9.65	0.380	9.02	0.355	min	
HT (C)	6.35	0.250	7.11	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT (max, mW/cm <sup>3</sup> )	DC Bias min (Oersteds)		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%							
500	75.0	145	2000	28.1	63.8	23.2	41.4	960	9.79

Winding Information					Temperature Rating	
Winding Length per Turn				Wound Coil Dimensions (mm)		
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	19.6
					0%	23.2
20%	25.6	45%	28.6	Completely Full Window	Max OD	24.9
25%	26.2	50%	29.3		Max HT	16.3
30%	26.6	60%	30.8	Surface Area (mm <sup>2</sup> )		
35%	27.4	70%	32.4	Unwound Core:	990	
				40% Wound:	1400	

Curie Temp (°C):	500 °C
Coating Temp: (Continuous, up to; °C)	200 °C

**Notes:**

### Typical DC Bias Performance

