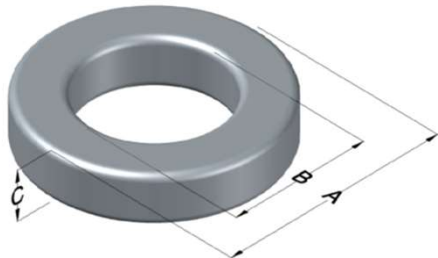




**0077246A7**

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Kool M $\mu$ Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	18 $\pm$ 12%	XXXXXX	77246A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.24	0.285	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.67	0.105	2.16	0.085	min	
HT (C)	2.54	0.100	3.18	0.125	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%							
900	58.5	133	1250	11.3	3.66	4.77	14	65	0.44

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	7.64	Coating Temp (Continuous up to): 200°C
					HT	3.98	
0%	11.4	40%	12.6	Completely Full Window	Max OD	7.64	Notes:
20%	12.1	45%	12.7		Max HT	4.78	
25%	12.1	50%	13.0	Surface Area (mm <sup>2</sup> )			
30%	12.3	60%	13.3	Unwound Core	170		
35%	12.5	70%	13.7	40% Winding Factor	200		

