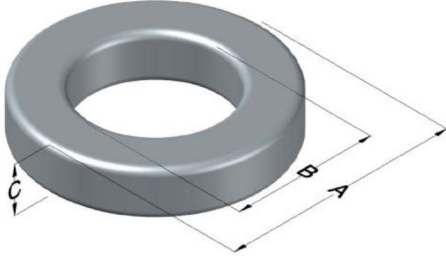




**0077030A7**

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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	
125	52 ± 12%	XXXXXX	030A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	7.87	0.310	8.51	0.335	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	3.96	0.156	3.45	0.136	min	
HT (C)	3.18	0125	3.81	0.150	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)
	750	80%							
	14.0	35.0							

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	9.07			
					HT	4.93			
0%	12.7	40%	14.5	Completely Full Window	Max OD	11.0			
					Max HT	6.73			
20%	13.6	45%	14.7	Surface Area (mm <sup>2</sup> )					
25%	13.8	50%	15.0						
30%	14.0	60%	15.5	Unwound Core		240			
35%	14.3	70%	16.1	40% Winding Factor		310			
								Coating Temp (Continuous up to): 200°C	
								Notes:	

