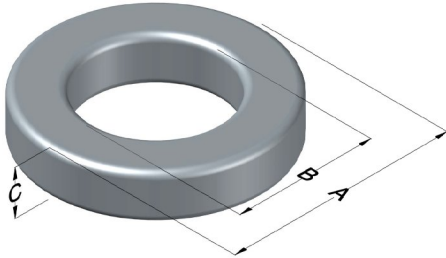




**0077109A7**

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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	156 ± 8%	XXXXXX	77109A7	N/A	Black

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	57.20	2.250	58.04	2.285	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	35.60	1.400	34.74	1.368	
HT (C)	14.0	0.550	14.9	0.585	

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)
	1400	80%							
	10.7	27.8							

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	Maximum OD (70%)	81.3	Coating Temp (Continuous up to): 200°C
				Maximum HT (70%)	44.4	
0%	53.0	40%	71.0	Surface Area (mm <sup>2</sup> )		Notes:
20%	61.9	45%	73.2	Unwound Core		
25%	64.3	50%	76.0	40% Winding Factor		
30%	65.8	60%	81.3			
35%	68.7	70%	87.1			

