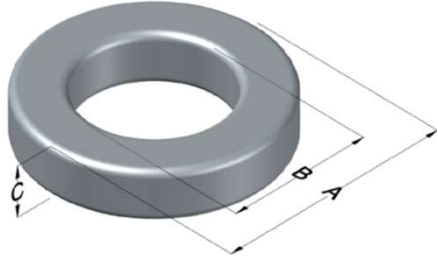




**0079388A7**

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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	
14	28 ± 8%	XXXXXX	79388A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	40.13	1.580	40.94	1.612	max	Cardboard cut-outs Box Qty= 160 pcs
ID (B)	22.08	0.869	21.27	0.837	min	
HT (C)	17.00	0.669	17.89	0.704	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%							
1200	225	420	3000	450	355	153	95	14,600	113

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	45.3		
				HT	24.5	Notes:	
				Completely Full Window			
				Max OD	47.5		
				Max HT	33.3		
0%	55.5	40%	66.4	Surface Area (mm <sup>2</sup> )			
20%	61.0	45%	68.1				
25%	62.3	50%	69.5	Unwound Core			5,400
30%	63.5	60%	72.8	40% Winding Factor			7,500
35%	65.1	70%	76.7				

