



**0077154A7**

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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	
90	25 ± 15%	N/A	N/A	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	3.94	0.155	4.57	0.180	max	Bulk Pack 10 vials/box Box Qty= 7500 pcs
ID (B)	2.24	0.088	1.73	0.068	min	
HT (C)	2.54	0.100	3.18	0.125	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%							
	21.0	52.0							

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		Coating Temp (Continuous up to): 200°C
				OD	4.85	Notes:
				HT	3.73	
				Max OD	5.77	
0%	9.20	40%	10.1	Max HT	4.75	
20%	9.64	45%	10.2	Surface Area (mm <sup>2</sup> )		
25%	9.76	50%	10.3	Unwound Core		90
30%	9.84	60%	10.6	40% Winding Factor		110
35%	9.98	70%	10.9			

