



**0070051A7**

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Kool M $\mu$ Ultra Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	26 ± 8%	XXXXXX	70051A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	12.70	0.500	13.46	0.530	max	Bulk Pack 4 bags/box Box Qty= 5000 pcs
ID (B)	7.62	0.300	6.99	0.275	min	
HT (C)	4.75	0.187	5.51	0.217	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> )	Est. Weight (g)
	80%	50%							
250	45	100	1250	15.0	38.4	10.9	31.2	340	2.25

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	16.1	Notes:
0%	17.5	40%	21.6	HT	8.11	
				Completely Full Window		
20%	21.6	45%	22.3	Max HT	13.3	
25%	21.6	50%	22.9	Surface Area (mm <sup>2</sup> )		
30%	21.6	60%	24.4	Unwound Core	560	
35%	21.6	70%	25.9	40% Winding Factor	900	

