



0079386A7

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Kool M μ MAX Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	28 ± 8%	XXXXXX	79386A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	17.3	0.680	18.1	0.710	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	9.65	0.380	9.01	0.355	min	
HT (C)	6.35	0.250	7.12	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias min (A-T/cm)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
	80%	50%							
700	65.9	143	1000	17	63.8	23.2	41.4	960	5.8

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	19.6	
				HT	10.1	Notes:
				Max OD	24.9	
				Max HT	16.3	
0%	23.2	40%	28.0	Completely Full Window		
20%	25.6	45%	28.6	Surface Area (mm ²)		
25%	26.2	50%	29.3			
30%	26.6	60%	30.8	Unwound Core	990	
35%	27.4	70%	32.4	40% Winding Factor	1,400	

