



0079736A7

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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	136 \pm 8%	XXXXXX	79736A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	74.09	2.917	75.21	2.961	max	Cardboard cut-outs Box Qty= 24 pcs
ID (B)	45.29	1.783	44.40	1.748	min	
HT (C)	35.00	1.378	35.92	1.414	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		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	85	180	3000	227.0	1,550	497	184	91,400	550

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	91.0	
				HT	55.2	Notes:
				Completely Full Window		
				Max OD	102	
0%	102	40%	125	Max HT	65.7	
20%	114	45%	129	Surface Area (mm ²)		
25%	117	50%	132	Unwound Core		19,000
30%	119	60%	139	40% Winding Factor		33,000
35%	122	70%	147			

