



0077548A7

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	127 ± 8%	XXXXXX	77548A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	32.80	1.291	33.66	1.325	max	Cardboard cut-outs Box Qty= 250 pcs
ID (B)	20.1	0.791	19.4	0.766	min	
HT (C)	10.7	0.420	11.5	0.450	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)
	1000	80%							
	13.5	35.0							

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	36.8	Notes:
				HT	17.8	
				Max OD	46.7	
				Max HT	28.0	
0%	37.4	40%	47.2	Surface Area (mm ²)		
20%	42.4	45%	48.8	Unwound Core		
25%	43.5	50%	50.1	3,100		
30%	44.7	60%	53.2	40% Winding Factor		
35%	46.1	70%	56.7	4,900		

