



0077930A7

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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	157 ± 8%	XXXXXX	77930A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.90	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 400 pcs
ID (B)	14.7	0.580	14.1	0.555	min	
HT (C)	11.2	0.440	12.0	0.470	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	30.0	Notes:
				HT	16.5	
				Max OD	37.3	
				Max HT	24.0	
0%	37.5	40%	44.6	Surface Area (mm ²)		
20%	41.1	45%	45.7	Unwound Core		2,400
25%	41.9	50%	46.6	40% Winding Factor		3,500
30%	42.8	60%	48.8			
35%	43.8	70%	51.3			

