



0077154AY

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	25 \pm 15%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	3.94	0.155	4.39	0.173	max	Bulk Pack 10 vials/box Box Qty= 7500 pcs
ID (B)	2.24	0.088	1.91	0.075	min	
HT (C)	2.54	0.100	3.00	0.118	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)
	750	80%							
	21.0	52.0							

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): 130°C	
				OD	4.85	Notes:	
				HT	3.73		Parylene coated, color appears clear to milky white.
				Completely Full Window			
				Max OD	5.77		
0%	9.20	40%	10.1	Max HT	4.75		
20%	9.64	45%	10.2	Surface Area (mm ²)			
25%	9.76	50%	10.3	Unwound Core		90	
30%	9.84	60%	10.6	40% Winding Factor		110	
35%	9.98	70%	10.9				

