



0077726A7

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	175 ± 8%	XXXXXX	77726A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.50	1.99	51.52	2.02	max	Cardboard cut-outs Box Qty= 70 pcs
ID (B)	24.8	0.98	24.0	0.94	min	
HT (C)	21.0	0.83	21.6	0.85	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)
	900	80%							
	31.0	69.2							

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	OD	64.0
					HT	39.6
0%	131	40%	143	Completely Full Window	Max OD	72.0
					Max HT	42.0
20%	137	45%	145	Surface Area (mm ²)		Notes:
25%	138	50%	147	Unwound Core		
30%	140	60%	150	40% Winding Factor		
35%	142	70%	155			
						Coating Temp (Continuous up to): 200°C

Typical DC Bias Performance

