



# 00A4022E040

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Kool M $\mu$ MAX Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking	
		Lot Number	Part Number
40	140 ± 8%	XXXXXX	A4022E040

	Dimensions		Tolerance (±)			Packaging
	(mm)	(in)	(mm)	(in)		
A	42.85	1.686	0.64	0.025		Est. Box Qty= 180 Pcs
B	21.08	0.830	0.33	0.013		
C	20.02	0.788	0.25	0.010		
D	14.91	0.587	-	-	Min	Available Hardware
E	30.35	1.194	-	-	Min	PCB4022N1
F	11.89	0.468	0.25	0.010		
L	5.94	0.234	-	-	Nom	
M	9.27	0.365	-	-	Min	

Electrical Characteristics			Physical Characteristics					
Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Break Strength Min (kg)	Window Area W <sub>a</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Est. Weight (Ea. Piece) (g)
	80%	50%						
550	75	150	27	276	237	98.4	23,300	69

Notes:	Temperature Rating
	Curie Temp: 500 °C

## Typical DC Bias Performance

