



00K1808E090

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking	
		Lot Number	Part Number
90	69 ± 8%	XXXXXX	K1808E090

	Dimensions		Tolerance (±)			Packaging
	(mm)	(in)	(mm)	(in)		
A	19.30	0.760	0.30	0.012		Box Qty= 5700 Pcs
B	8.10	0.319	0.18	0.007		
C	4.78	0.188	0.15	0.006		
D	5.54	0.218	-	-	Min	Available Hardware
E	13.92	0.548	-	-	Min	PCB1808B1
F	4.78	0.188	0.13	0.005		00B180801
L	2.39	0.094	-	-	Nom	
M	4.65	0.183	-	-	Min	

Electrical Characteristics			Physical Characteristics					
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		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)	Est. Weight (Ea. Piece) (g)
800	80%	50%	2.3	51.5	22.8	40.1	914	2.76
	20	50						

Notes:	Temperature Rating
	Curie Temp: 500 °C

