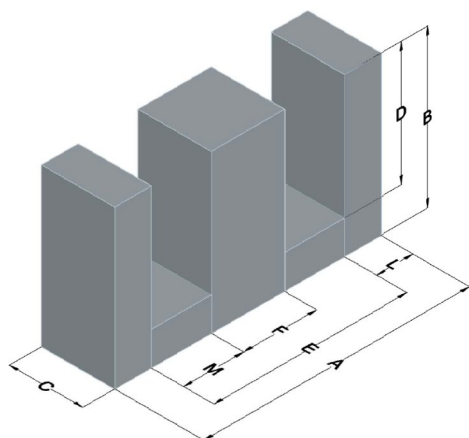




00K1808E040

110 Delta Drive
Pittsburgh, PA 15238
NAFTA Sales: (1)800-245-3984
HK Sales : (852)3102-9337
magnetics@spang.com
www.mag-inc.com



Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking	
		Lot Number	Part number
40	35 ± 8%	XXXXXX	K1808E040

	Dimensions		Tolerance (±)			Packaging
	(mm)	(in)	(mm)	(in)		
A	19.3	0.760	0.305	0.012		Box Qty= 5,700 pcs
B	8.10	0.319	0.178	0.007		
C	4.78	0.188	0.152	0.006		
D	5.53	0.218	-	-	Min	Available Hardware
E	13.9	0.548	-	-	Min	PCB1808B1
F	4.78	0.188	0.127	0.005		00B180801
L	2.39	0.094	-	-	Nom	
M	4.64	0.183	-	-	Min	

Electrical Characteristics		Physical Characteristics					
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A·T/cm)	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)
1267	80%	5	121	22.8	40.1	914	2.7
	44.2						

Notes:	Temperature Rating
	Curie Temp: 500°C

Typical DC Bias Performance

