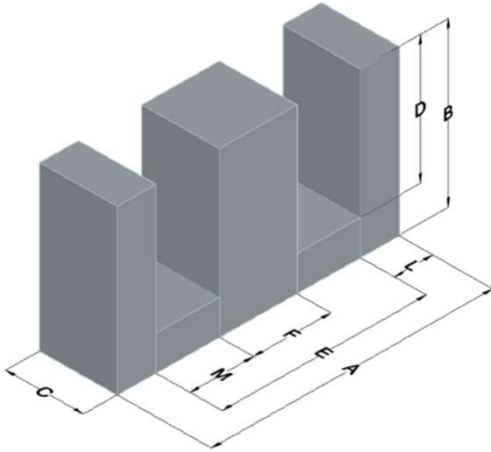




00K5530E040

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 magnetics@spang.com
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| Kool M μ Permeability (μ) | A _L (nH/T ²) | Core Marking | |
|--|--|--------------|-------------|
| | | Lot Number | Part Number |
| 40 | 187 ± 8% | XXXXXX | K5530E040 |

| | Dimensions | | Tolerance (±) | | | Packaging |
|----------|------------|-------|---------------|-------|-----|----------------------|
| | (mm) | (in) | (mm) | (in) | | |
| A | 54.86 | 2.159 | 0.81 | 0.032 | | Est. Box Qty= 96 Pcs |
| B | 27.56 | 1.085 | 0.41 | 0.016 | | |
| C | 24.61 | 0.969 | 0.38 | 0.015 | | |
| D | 18.52 | 0.729 | - | - | Min | Available Hardware |
| E | 37.49 | 1.475 | - | - | Min | PCB5530FA |
| F | 16.76 | 0.660 | 0.38 | 0.015 | | |
| L | 8.38 | 0.330 | - | - | Nom | |
| M | 10.29 | 0.405 | - | - | 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) |
| | 700 | 80% | | | | | | |
| | 55 | 115 | 57 | 381 | 417 | 123 | 51,300 | 147 |

| Notes: | Temperature Rating |
|--------|--------------------|
| | Curie Temp: 500 °C |

