



# 00F5530E060

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| Kool M $\mu$ Hf<br>Permeability ( $\mu$ ) | A <sub>L</sub><br>(nH/T <sup>2</sup> ) | Core Marking |             |
|---|--|--------------|-------------|
|   |  | Lot Number   | Part Number |
| 60  | 261 ± 8%                               | XXXXXX       | F5530E060   |

|   | 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<br>@ 100 kHz, 100mT<br>max (mW/cm <sup>3</sup> ) | DC Bias min<br>(oersteds) |     | Break<br>Strength<br>Min (kg) | Window<br>Area W <sub>a</sub><br>(mm <sup>2</sup> ) | Cross<br>Section<br>A <sub>e</sub> (mm <sup>2</sup> ) | Path<br>Length L <sub>e</sub><br>(mm) | Volume V <sub>e</sub><br>(mm <sup>3</sup> ) | Est. Weight<br>(Ea. Piece)<br>(g) |
|  | 80%                       | 50% |                               |   |   |                                       |   |                                   |
| 425  | 30                        | 80  | 57                            | 381   | 417   | 123                                   | 51,300                                      | 159                               |

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

