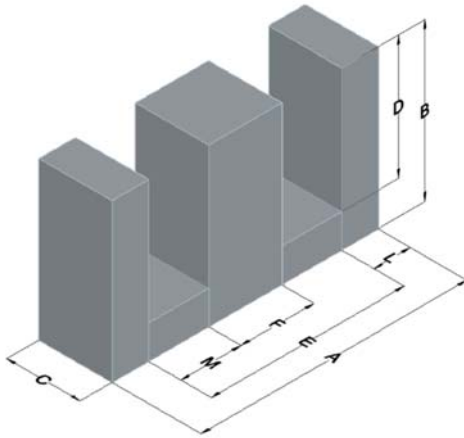




**00K4022E090**

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 M $\mu$<br>Permeability ( $\mu$ ) | A <sub>L</sub><br>(nH/T <sup>2</sup> ) | Core Marking |             |
|--|--|--------------|-------------|
|  |  | Lot Number   | Part number |
| 90                                     | 281 ± 8%                               | XXXXXX       | K4022E090   |

|   | Dimensions |       | Tolerance (±) |       |     | Packaging          |
|---|------------|-------|---------------|-------|-----|--------------------|
|   | (mm)       | (in)  | (mm)          | (in)  |     |                    |
| A | 42.85      | 1.687 | 0.635         | 0.025 |     | Box Qty= 168 pcs   |
| B | 21.1       | 0.830 | 0.330         | 0.013 |     |                    |
| C | 20.0       | 0.788 | 0.254         | 0.010 |     |                    |
| D | 14.9       | 0.587 | -             | -     | Min | Available Hardware |
| E | 30.35      | 1.195 | -             | -     | Min | PCB4022N1          |
| F | 11.9       | 0.468 | 0.254         | 0.010 |     |                    |
| L | 5.94       | 0.234 | -             | -     | Nom |                    |
| M | 9.27       | 0.365 | -             | -     | Min |                    |

| Electrical Characteristics                                |                         | Physical Characteristics      |   |   |                                       |   |                              |
|---|-------------------------|-------------------------------|---|---|---------------------------------------|---|------------------------------|
| Watt Loss<br>@ 100 kHz, 100mT<br>max(mW/cm <sup>3</sup> ) | DC Bias<br>min (A·T/cm) | Break<br>Strength<br>min (kg) | Window<br>Area<br>W <sub>A</sub> (mm <sup>2</sup> ) | Cross<br>Section A <sub>e</sub><br>(mm <sup>2</sup> ) | Path<br>Length L <sub>e</sub><br>(mm) | Volume V <sub>e</sub><br>(mm <sup>3</sup> ) | Weight<br>(Ea. Piece)<br>(g) |
| 902   | 80%                     | 23                            | 276   | 237   | 98.4                                  | 23,300                                      | 69                           |
|   | 18.1                    |                               |   |   |                                       |   |                              |

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

