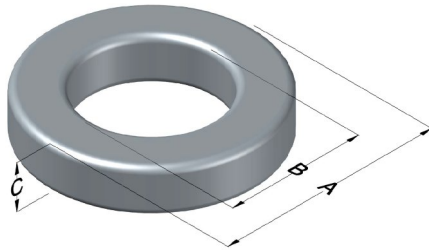




**0077894A7**

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<br>( $\mu$ ) | A <sub>L</sub><br>(nH/T <sup>2</sup> ) | Core Marking  |                |                     | Coating<br>Color |
|---|--|---------------|----------------|---------------------|------------------|
|   |  | Lot<br>Number | Part<br>Number | Inductance<br>Grade |                  |
| 60  | 75 $\pm$ 8%                            | XXXXXX        | 77894A7        | N/A                 | Black            |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                              |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 26.90    | 1.060 | 27.69         | 1.090 | max | Cardboard cut-outs<br>Box Qty= 400 pcs |
| ID (B)     | 14.7     | 0.580 | 14.1          | 0.555 | min |  |
| HT (C)     | 11.2     | 0.440 | 12.0          | 0.470 | max |  |

| Electrical Characteristics                                |                         |      | Physical Characteristics                                       |                               |   |   |                                       |   |               |
|---|-------------------------|------|--|-------------------------------|---|---|---------------------------------------|---|---------------|
| Watt Loss<br>@ 100 kHz, 100mT<br>max(mW/cm <sup>3</sup> ) | DC Bias<br>min (A-T/cm) |      | Voltage<br>Breakdown<br>wire to wire<br>min (V <sub>AC</sub> ) | Break<br>Strength<br>min (kg) | Window<br>Area<br>W <sub>A</sub> (mm <sup>2</sup> ) | Cross<br>Section<br>A <sub>e</sub> (mm <sup>2</sup> ) | Path<br>Length<br>L <sub>e</sub> (mm) | Volume<br>V <sub>e</sub> (mm <sup>3</sup> ) | Weight<br>(g) |
|   | 1000                    | 80%  |  |                               |   |   |                                       |   |               |
|   | 31.0                    | 69.1 |  |                               |   |   |                                       |   |               |

| Winding Information     |      |                   |      |                                 | Temperature Rating |  |
|-------------------------|------|-------------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn |      |                   |      | Wound Coil Dimensions (mm)      |                    | Curie Temp: 500°C                      |
| Winding<br>Factor       | (mm) | Winding<br>Factor | (mm) | Maximum OD (70%)                | 37.3               | Coating Temp (Continuous up to): 200°C |
|                         |      |                   |      | Maximum HT (70%)                | 24.0               |  |
| 0%                      | 37.5 | 40%               | 44.6 | Surface Area (mm <sup>2</sup> ) |                    | Notes:                                 |
| 20%                     | 41.1 | 45%               | 45.7 | Unwound Core                    |                    |  |
| 25%                     | 41.9 | 50%               | 46.6 | 40% Winding Factor              |                    |  |
| 30%                     | 42.8 | 60%               | 48.8 |                                 |                    |  |
| 35%                     | 43.8 | 70%               | 51.3 |                                 |                    |  |

