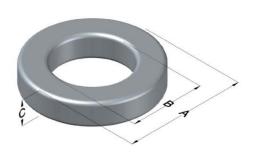


## 0079083A7

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 MAX         | AL      |               | Coating        |                     |       |
|---------------------|---------|---------------|----------------|---------------------|-------|
| Permeability<br>(µ) | (nH/T²) | Lot<br>Number | Part<br>Number | Inductance<br>Grade | Color |
| 60                  | 81 ± 8% | XXXXXX        | 79083A7        | N/A                 | Black |

| Dimensions   | Uncoated |       | Coated Limits |       |     | Packaging          |  |  |
|--------------|----------|-------|---------------|-------|-----|--------------------|--|--|
| Difficusions | (mm)     | (in)  | (mm)          | (in)  |     |                    |  |  |
| OD (A)       | 39.88    | 1.570 | 40.77         | 1.605 | max | Cardboard cut-outs |  |  |
| ID (B)       | 24.13    | 0.950 | 23.32         | 0.918 | min | Box Qty= 180 pcs   |  |  |
| HT (C)       | 14.48    | 0.570 | 15.37         | 0.605 | max |                    |  |  |

|   | Electrical Characteristics                   |                           |     | Physical Characteristics                                       |                               |  |   |                                       |   |               |
|---|--|---------------------------|-----|--|-------------------------------|--|---|---------------------------------------|---|---------------|
|   | Watt Loss<br>@ 100 kHz, 100mT<br>max(mW/cm³) | DC Bias<br>min (oersteds) |     | 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> (mm²) | 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) |
| ſ | 700  | 80%                       | 50% | 2000   | 126                           | 427                                    | 107   | 98.4                                  | 10,600                                      | 65            |
| L | 700  | 58.0                      | 116 | 3000   |                               |  |   |                                       |   |               |

|                         |      | Temperature Rating |      |                            |        |      |                                  |  |
|-------------------------|------|--------------------|------|----------------------------|--------|------|----------------------------------|--|
| Winding Length Per Turn |      |                    |      | Wound Coil Dimensions (mm) |        |      | Curie Temp: 500°C                |  |
| \A/:l:                  |      | \A/:               |      | 409/ Winding Factor        | OD     | 44.3 | Coating Temp (Continuous up to): |  |
| Winding  <br>  Factor   | (mm) | Winding Factor     | (mm) | 40% Winding Factor         | HT     | 22.4 | 200°C                            |  |
| Factor                  |      | Factor             |      | Completely Full Window M   | Max OD | 56.4 | Notes:                           |  |
| 0%                      | 48.2 | 40%                | 60.2 | Completely Full Window     | Max HT | 35.2 |                                  |  |
| 20%                     | 54.3 | 45%                | 62.1 | Curtons Area (mm²)         |        |      |                                  |  |
| 25%                     | 55.8 | 50%                | 63.7 | Surface Area (mm²)         |        |      |                                  |  |
| 30%                     | 57.0 | 60%                | 67.3 | Unwound Core 4,            |        | 00   |                                  |  |
| 35%                     | 58.8 | 70%                | 71.5 | 40% Winding Factor 7,30    |        | 00   |                                  |  |

