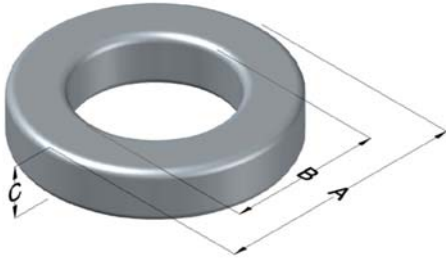




**0079312A7**

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 $\mu$ MAX Permeability ( $\mu$ ) | A <sub>L</sub> (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|---|-------------------------------------|--------------|-------------|------------------|---------------|
|   |                                     | Lot Number   | Part Number | Inductance Grade |               |
| 26                                      | 19 ± 8%                             | XXXXXX       | 79312A7     | N/A              | Black         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                                    |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 22.9     | 0.900 | 23.7          | 0.930 | max | Bulk Pack<br>4 bags/box<br>Box Qty= 1000 pcs |
| ID (B)     | 14.0     | 0.550 | 13.3          | 0.525 | min |  |
| HT (C)     | 7.62     | 0.300 | 8.39          | 0.330 | max |  |

| Electrical Characteristics                          |                      |     | Physical Characteristics                              |                         |   |   |                                 |  |            |
|---|----------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 100mT max(mW/cm <sup>3</sup> ) | DC Bias min (A-T/cm) |     | Voltage Breakdown wire to wire min (V <sub>AC</sub> ) | Break Strength min (kg) | Window Area W <sub>A</sub> (mm <sup>2</sup> ) | Cross Section A <sub>e</sub> (mm <sup>2</sup> ) | Path Length L <sub>e</sub> (mm) | Volume V <sub>e</sub> (mm <sup>3</sup> ) | Weight (g) |
|   | 80%                  | 50% |   |                         |   |   |                                 |  |            |
| 700   | 106                  | 227 | 1000  | 24                      | 139   | 31.7  | 56.7                            | 1,800                                    | 11         |

| Winding Information     |      |                |      |                                 | Temperature Rating |  |
|-------------------------|------|----------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn |      |                |      | Wound Coil Dimensions (mm)      |                    | Curie Temp: 500°C                      |
| Winding Factor          | (mm) | Winding Factor | (mm) | 40% Winding Factor              |                    | Coating Temp (Continuous up to): 200°C |
|                         |      |                |      | OD                              | 25.7               |  |
|                         |      |                |      | HT                              | 12.4               | Notes:                                 |
|                         |      |                |      | Max OD                          | 32.6               |  |
|                         |      |                |      | Max HT                          | 19.8               |  |
| 0%                      | 27.0 | 40%            | 33.9 | Surface Area (mm <sup>2</sup> ) |                    |  |
| 20%                     | 30.5 | 45%            | 34.9 | Unwound Core                    |                    | 1,600                                  |
| 25%                     | 31.3 | 50%            | 35.9 | 40% Winding Factor              |                    | 2,400                                  |
| 30%                     | 32.0 | 60%            | 38.0 |                                 |                    |  |
| 35%                     | 33.1 | 70%            | 40.4 |                                 |                    |  |

