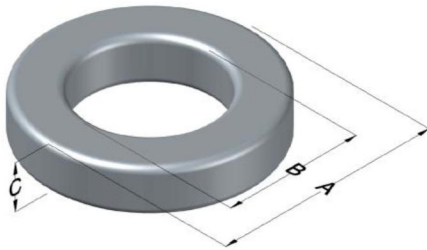




# C058071A2

110 Delta Drive  
 Pittsburgh, PA 15238  
 NAFTA Sales: (1)800-245-3984  
 HK Sales : (852)3102-9337  
 magnetics@spang.com  
 www.mag-inc.com



| High Flux Permeability ( $\mu$ ) | $A_L$ (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
|                                  |                            | Lot Number   | Part Number | Inductance Grade |               |
| 60                               | 61 ± 8%                    | XXXXXX       | 58071A2     | X                | Khaki         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                              |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 32.79    | 1.291 | 33.66         | 1.325 | max | Cardboard cut-outs<br>Box Qty= 250 pcs |
| ID (B)     | 20.09    | 0.791 | 19.46         | 0.766 | min |  |
| HT (C)     | 10.67    | 0.420 | 11.43         | 0.450 | max |  |

| Electrical Characteristics                           |                        |     | Physical Characteristics                              |                         |   |   |                                 |  |            |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> ) | DC Bias Min (oersteds) |     | 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% |   |                         |   |   |                                 |  |            |
| 900  | 90.0                   | 170 | 3000  | 49                      | 297   | 65.6  | 81.4                            | 5340                                     | 41.36      |

| 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                              | 36.8               | Notes:                                 |
|                         |      |                |      | HT                              | 17.8               |  |
|                         |      |                |      | Completely Full Window          |                    |  |
|                         |      |                |      | Max OD                          | 46.7               |  |
|                         |      |                |      | Max HT                          | 28.0               |  |
|                         |      |                |      | Surface Area (mm <sup>2</sup> ) |                    |  |
|                         |      |                |      | Unwound Core                    |                    | 3,100                                  |
|                         |      |                |      | 40% Winding Factor              |                    | 4,900                                  |

