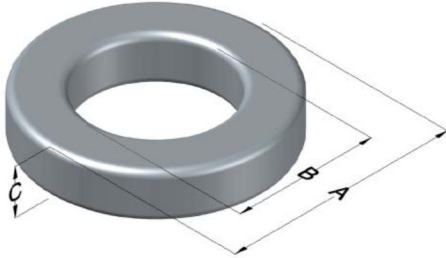




**0075192A7**

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



| 75 Material Permeability ( $\mu$ ) | $A_L$ (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|------------------------------------|----------------------------|--------------|-------------|------------------|---------------|
|                                    |                            | Lot Number   | Part Number | Inductance Grade |               |
| 60                                 | 138 ± 8%                   | XXXXXX       | 75192A7     | N/A              | Black         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                             |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
|            | (mm)     | (in)  | (mm)          | (in)  |     |                                       |
| OD (A)     | 57.15    | 2.250 | 58.04         | 2.285 | max | Cardboard cut-outs<br>Box Qty= 80 pcs |
| ID (B)     | 26.39    | 1.039 | 25.58         | 1.007 | min |                                       |
| HT (C)     | 15.24    | 0.600 | 16.13         | 0.635 | max |                                       |

| Electrical Characteristics                         |                        |     | Physical Characteristics                              |                         |   |   |                                 |  |            |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 50 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% |   |                         |   |   |                                 |  |            |
| 720  | 60.0                   | 135 | 3000  | 163.0                   | 514   | 229   | 125                             | 28,600                                   | 200        |

| 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                              | 62.0               |  |
|                         |      |                |      | HT                              | 24.0               | Notes:                                 |
|                         |      |                |      | Max OD                          | 75.7               |  |
|                         |      |                |      | Max HT                          | 34.0               |  |
| 0%                      | 64.6 | 40%            | 77.8 | Completely Full Window          |                    |  |
| 20%                     | 71.2 | 45%            | 79.8 | Surface Area (mm <sup>2</sup> ) |                    |  |
| 25%                     | 72.9 | 50%            | 81.6 |                                 |                    |  |
| 30%                     | 74.1 | 60%            | 85.6 | Unwound Core                    |                    | 8,500                                  |
| 35%                     | 76.3 | 70%            | 90.1 | 40% Winding Factor              |                    | 12,000                                 |

