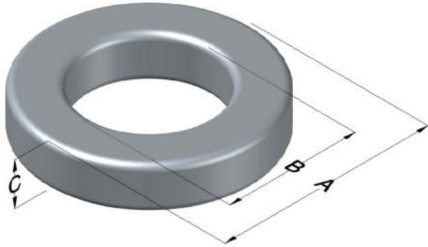




**0079071A7HT19**

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| 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 |               |
| 60                                      | 102 $\pm$ 8%                        | XXXXXX       | 79071A7HT19 | N/A              | Black         |

| 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= 175 pcs |
| ID (B)     | 20.09    | 0.791 | 19.46         | 0.766 | min |  |
| HT (C)     | 17.80    | 0.702 | 19            | 0.748 | 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% |   |                         |   |   |                                 |  |            |
| 700  | 58                     | 116 | 3000  | 79.0                    | 297   | 110   | 81.4                            | 8,950                                    | 57         |

| 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                              | 25.3               |  |
|                         |      |                |      | Completely Full Window          |                    |  |
|                         |      |                |      | Max OD                          | 46.7               |  |
|                         |      |                |      | Max HT                          |                    | 35.5                                   |
|                         |      |                |      | Surface Area (mm <sup>2</sup> ) |                    |  |
|                         |      |                |      | Unwound Core                    |                    | 4,400                                  |
|                         |      |                |      | 40% Winding Factor              |                    | 6,500                                  |

