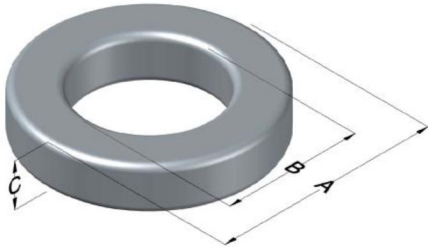




**0076439A7**

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| Kool M $\mu$ Hf Permeability ( $\mu$ ) | A <sub>L</sub> (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|--|-------------------------------------|--------------|-------------|------------------|---------------|
|  |                                     | Lot Number   | Part Number | Inductance Grade |               |
| 60                                     | 135 $\pm$ 8%                        | XXXXXX       | 76439A7     | N/A              | Black         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                              |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 46.74    | 1.840 | 47.63         | 1.875 | max | Cardboard cut-outs<br>Box Qty= 105 pcs |
| ID (B)     | 24.13    | 0.950 | 23.32         | 0.918 | min |  |
| HT (C)     | 18.03    | 0.710 | 18.92         | 0.745 | 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% |   |                         |   |   |                                 |  |            |
| 450  | 45                     | 100 | 4000  | 233                     | 427   | 199   | 107                             | 21,300                                   | TBD        |

| 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              | OD                 | 51.2              |
|                         |      |                |      |                                 | HT                 | 26.0              |
|                         |      |                |      | Completely Full Window          | Max OD             | 63.8              |
|                         |      |                |      |                                 | Max HT             | 38.7              |
| 0%                      | 62.1 | 40%            | 74.1 | Surface Area (mm <sup>2</sup> ) |                    |                   |
| 20%                     | 68.2 | 45%            | 76.0 | Unwound Core                    |                    |                   |
| 25%                     | 69.7 | 50%            | 77.6 | 40% Winding Factor              |                    |                   |
| 30%                     | 70.9 | 60%            | 81.2 | 6,900                           |                    |                   |
| 35%                     | 72.7 | 70%            | 85.4 | 9,600                           |                    |                   |
| Notes:                  |      |                |      |                                 |                    |                   |

