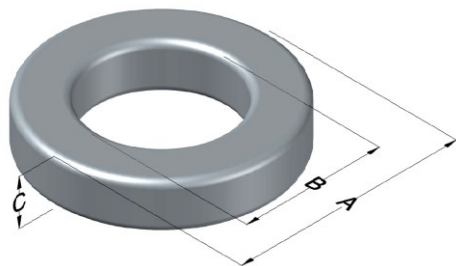




**0076122A7**

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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 |               |
| 26                                     | 15 ± 8%                             | XXXXXX       | 76122A7     | N/A              | Black         |

| Dimensions |       |       |               |       | Packaging |  |
|------------|-------|-------|---------------|-------|-----------|--|
| Uncoated   |       |       | Coated Limits |       |           |  |
|            | (mm)  | (in)  | (mm)          | (in)  |           |  |
| OD (A)     | 16.59 | 0.653 | 17.27         | 0.680 | max       | Cardboard cut-outs<br>Box Qty = 2000 Pcs |
| ID (B)     | 10.16 | 0.400 | 9.53          | 0.375 | min       |  |
| HT (C)     | 6.35  | 0.250 | 7.11          | 0.280 | max       |  |

| Electrical Characteristics                           |                        |     | Physical Characteristics                              |                          |  |  |                                  |  |            |
|--|------------------------|-----|---|--------------------------|--|--|----------------------------------|--|------------|
| Watt Loss @ 100kHz, 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% |   |                          |  |  |                                  |  |            |
| 625  | 130                    | 245 | 1000  | 23.1                     | 71.2   | 19.2   | 41.2                             | 791                                      | 4.7        |

| Winding Information     |      |                |                            |                                 | Temperature Rating |                  |                                       |
|-------------------------|------|----------------|----------------------------|---------------------------------|--------------------|------------------|---------------------------------------|
| Winding Length per Turn |      |                | Wound Coil Dimensions (mm) |                                 |                    | Curie Temp (°C): | 500 °C                                |
| Winding Factor          | (mm) | Winding Factor | (mm)                       | 40% Winding Factor              | OD                 | HT               | Coating Temp: (Continuous, up to; °C) |
| 0%                      | 22.1 | 40%            | 27.0                       | Completely Full Window          | Max OD             | 23.7             | Notes:                                |
| 20%                     | 24.6 | 45%            | 27.7                       |                                 | Max HT             | 15.2             |                                       |
| 25%                     | 25.2 | 50%            | 28.4                       | Surface Area (mm <sup>2</sup> ) |                    |                  |                                       |
| 30%                     | 25.6 | 60%            | 29.8                       | Unwound Core:                   | 920                |                  |                                       |
| 35%                     | 26.4 | 70%            | 31.5                       | 40% Wound:                      | 1300               |                  |                                       |

