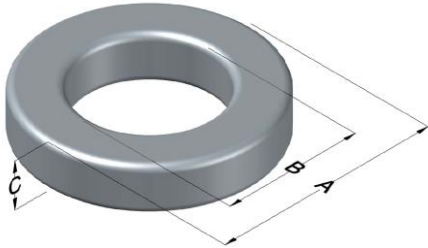




**0079430A7**

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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 |               |
| 19                                      | 43 $\pm$ 8%                         | XXXXXX       | 79430A7     | N/A              | Black         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                              |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 46.70    | 1.840 | 47.63         | 1.875 | max | Cardboard cut-outs<br>Box Qty= 105 pcs |
| ID (B)     | 24.1     | 0.950 | 23.3          | 0.918 | min |  |
| HT (C)     | 18.0     | 0.710 | 19.0          | 0.745 | 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% |   |                         |   |   |                                 |  |            |
| 325   | 185                    | 375 | 2000  | 233.0                   | 427   | 199   | 107                             | 21,300                                   | 126        |

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

