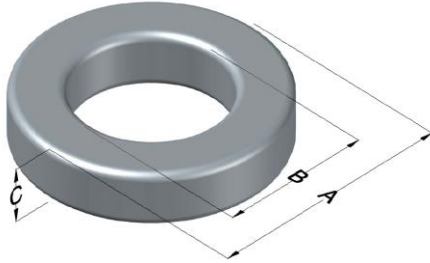




0070091A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
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| Kool M μ Ultra Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|-------------------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 26 | 38 \pm 8% | XXXXXX | 70091A7 | 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 Box Qty= 120 pcs |
| ID (B) | 28.70 | 1.130 | 27.89 | 1.098 | min | |
| HT (C) | 15.24 | 0.600 | 16.13 | 0.635 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|-----------------|
| Watt Loss @ 100kHz, 100mT max (mW/cm ³) | DC Bias min (oersteds) | | Voltage Breakdown wire to wire min (V _{AC}) | Break Strength min (kg) | Window Area W _a (mm ²) | Cross Section A _e (mm ²) | Path Length L _e (mm) | Volume V _e (mm ³) | Est. Weight (g) |
| | 80% | 50% | | | | | | | |
| 300 | 110 | 215 | 3000 | 99.0 | 611 | 134 | 116 | 15,600 | 93.2 |

| 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 | 53.2 | Notes: |
| 0% | 52.0 | 40% | 66.1 | HT | 24.5 | |
| | | | | Max OD | 56.0 | |
| 20% | 59.3 | 45% | 68.4 | Max HT | 35.7 | |
| 25% | 60.9 | 50% | 70.3 | Surface Area (mm ²) | | |
| 30% | 62.6 | 60% | 74.8 | Unwound Core | 6,200 | |
| 35% | 64.6 | 70% | 79.6 | 40% Winding Factor | 9,500 | |

