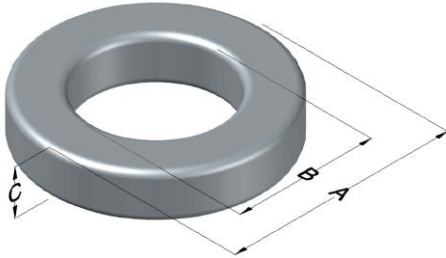




0077120A7

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 HK Sales : (852)3102-9337
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 www.mag-inc.com



| Kool M μ Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|--|---------------|----------------|---------------------|------------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 72 ± 8% | XXXXXX | 77120A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 16.6 | 0.653 | 17.3 | 0.680 | max | Bulk Pack 4 bags/box Box Qty= 2000 pcs |
| ID (B) | 10.2 | 0.400 | 9.52 | 0.375 | min | |
| HT (C) | 6.35 | 0.250 | 7.12 | 0.280 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|-------------------------|------|--|-------------------------------|---|---|---------------------------------------|---|---------------|
| Watt Loss @ 100 kHz, 100mT max(mW/cm ³) | DC Bias min (A-T/cm) | | 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) | Weight (g) |
| | 1000 | 80% | | | | | | | |
| | 10.7 | 27.8 | | | | | | | |

| 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 | 18.8 | Notes: |
| | | | | HT | 10.1 | |
| | | | | Max OD | 23.7 | |
| | | | | Max HT | 15.2 | |
| 0% | 22.1 | 40% | 27.0 | Surface Area (mm ²) | | |
| 20% | 24.6 | 45% | 27.7 | Unwound Core | | |
| 25% | 25.2 | 50% | 28.4 | 40% Winding Factor | | |
| 30% | 25.6 | 60% | 29.8 | | | |
| 35% | 26.4 | 70% | 31.5 | | | |

