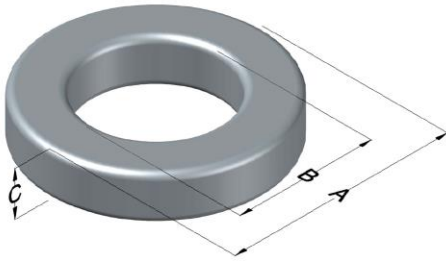




0079750A7

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 Pittsburgh, PA 15238
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 HK Sales : (852)3102-9337
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 www.mag-inc.com



| Kool M μ MAX Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|-------------------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 19 | 56 ± 8% | XXXXXX | 79750A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 50.55 | 1.990 | 51.31 | 2.020 | max | Cardboard cut-outs Box Qty= 70 pcs |
| ID (B) | 24.89 | 0.980 | 23.88 | 0.940 | min | |
| HT (C) | 21.08 | 0.830 | 21.59 | 0.850 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 50 kHz, 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) | Weight (g) |
| | 80% | 50% | | | | | | | |
| 325 | 185 | 375 | 2000 | 95.0 | 452 | 262 | 113.5 | 29,700 | 176 |

| 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 | 64.0 | |
| | | | | HT | 39.6 | Notes: |
| | | | | Completely Full Window | | |
| | | | | Max OD | 72.0 | |
| 0% | 131 | 40% | 143 | Max HT | 42.0 | |
| 20% | 137 | 45% | 145 | Surface Area (mm ²) | | |
| 25% | 138 | 50% | 147 | Unwound Core | | 23,310 |
| 30% | 140 | 60% | 150 | 40% Winding Factor | | 33,600 |
| 35% | 142 | 70% | 155 | | | |

