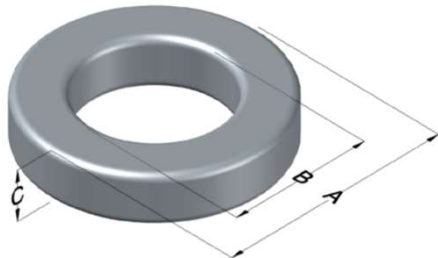




0077823A7

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 Pittsburgh, PA 15238
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 HK Sales : (852)3102-9337
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| Kool M μ Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|--|---------------|----------------|---------------------|------------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 19 | 8 ± 12% | XXXXXX | 77823A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 6.35 | 0.250 | 6.99 | 0.275 | max | Bulk Pack 4 bags/box Box Qty= 10,000 pcs |
| ID (B) | 2.79 | 0.110 | 2.29 | 0.090 | min | |
| HT (C) | 2.79 | 0.110 | 3.43 | 0.135 | 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) | Weight (g) |
| | 80% | 50% | | | | | | | |
| 1400 | 125 | 265 | 1250 | 7.3 | 4.12 | 4.74 | 13.6 | 65 | 0.42 |

| 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 | OD | 7.39 |
| | | | | | HT | 4.23 |
| 0% | 11.6 | 40% | 12.8 | Completely Full Window | Max OD | 7.39 |
| 20% | 12.2 | 45% | 12.9 | | Max HT | 5.03 |
| 25% | 12.2 | 50% | 13.2 | Surface Area (mm ²) | | |
| 30% | 12.5 | 60% | 13.5 | Unwound Core | 170 | |
| 35% | 12.7 | 70% | 13.9 | 40% Winding Factor | 200 | |
| Notes: | | | | | | |
| Coating Temp (Continuous up to): 200°C | | | | | | |

