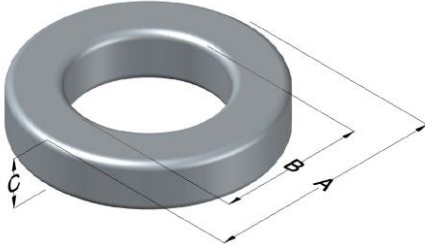




0079777A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
 magnetics@spang.com
 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 | |
| 60 | 205 \pm 8% | XXXXXX | 79777A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 77.80 | 3.063 | 78.95 | 3.108 | max | Cardboard cut-outs Box Qty= 20 pcs |
| ID (B) | 39.34 | 1.549 | 38.34 | 1.509 | min | |
| HT (C) | 25.85 | 1.018 | 26.85 | 1.057 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 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% | | | | | | | |
| 700 | 58.0 | 116 | 2000 | 140.0 | 1,150 | 478 | 170 | 81,500 | 560 |

| 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 | 91.0 |
| | | | | | HT | 45.4 |
| 0% | 94.3 | 40% | 114 | Completely Full Window | Max OD | 117 |
| 20% | 104 | 45% | 117 | | Max HT | 69.3 |
| 25% | 107 | 50% | 120 | Surface Area (mm ²) | | |
| 30% | 109 | 60% | 126 | Unwound Core | | 19,000 |
| 35% | 112 | 70% | 132 | 40% Winding Factor | | 32,000 |
| Notes: | | | | | | |
| Coating Temp (Continuous up to): 200°C | | | | | | |

