



0079867A7

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 | 68 \pm 8% | XXXXXX | 79867A7 | 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= 45 pcs |
| ID (B) | 49.20 | 1.938 | 48.20 | 1.898 | min | |
| HT (C) | 12.7 | 0.500 | 13.9 | 0.545 | 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 | 141.0 | 1,820 | 176 | 196 | 34,500 | 210 |

| 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 | 86.6 | |
| | | | | HT | 29.1 | Notes: |
| | | | | Max OD | 112 | |
| | | | | Max HT | 54.3 | |
| 0% | 58.4 | 40% | 83.5 | Surface Area (mm ²) | | |
| 20% | 70.9 | 45% | 86.7 | Unwound Core | | 11,000 |
| 25% | 74.1 | 50% | 90.4 | 40% Winding Factor | | 23,000 |
| 30% | 76.3 | 60% | 98.1 | | | |
| 35% | 80.4 | 70% | 107 | | | |

