



0079259A7

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 | |
| 75 | 101 \pm 8% | XXXXXX | 79259A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 39.88 | 1.570 | 40.77 | 1.605 | max | Cardboard cut-outs Box Qty= 180 pcs |
| ID (B) | 24.13 | 0.950 | 23.32 | 0.918 | min | |
| HT (C) | 14.48 | 0.570 | 15.37 | 0.605 | 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 | 40.0 | 85.0 | 3000 | 126 | 427 | 107 | 98.4 | 10,600 | 89 |

| 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 | 44.3 | Notes: |
| | | | | HT | 22.4 | |
| | | | | Completely Full Window | | |
| | | | | Max OD | 56.4 | |
| | | | | Max HT | 35.2 | |
| | | | | Surface Area (mm ²) | | |
| | | | | Unwound Core | | 4,800 |
| | | | | 40% Winding Factor | | 7,300 |

