



0070848A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
 magnetics@spang.com



| Kool M μ Ultra Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|-------------------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 60 | 33 \pm 8% | XXXXXX | 70848A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 20.32 | 0.800 | 21.08 | 0.830 | max | Bulk Pack 4 bags/box Box Qty=1600 pcs |
| ID (B) | 12.70 | 0.500 | 12.07 | 0.475 | min | |
| HT (C) | 6.35 | 0.250 | 7.11 | 0.280 | 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) | Est. Weight (g) |
| | 80% | 50% | | | | | | | |
| 250 | 45 | 100 | 2000 | 29.0 | 114 | 22.1 | 50.9 | 1,120 | 7.20 |

| 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 | 23.5 | Notes: |
| 0% | 23.2 | 40% | 29.3 | HT | 10.7 | |
| | | | | Completely Full Window | | |
| 20% | 26.3 | 45% | 30.3 | Max HT | 15.5 | |
| 25% | 27.0 | 50% | 31.1 | Surface Area (mm ²) | | |
| 30% | 27.8 | 60% | 32.9 | Unwound Core | 1,200 | |
| 35% | 28.6 | 70% | 35.1 | 40% Winding Factor | 1,800 | |

