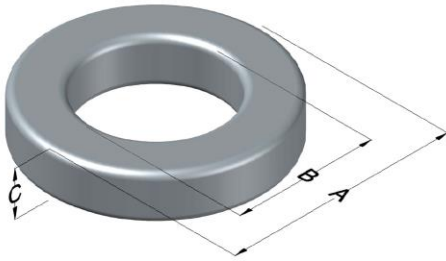




0079083A7

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 | 81 ± 8% | XXXXXX | 79083A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 39.90 | 1.570 | 40.77 | 1.605 | max | Cardboard cut-outs Box Qty= 180 pcs |
| ID (B) | 24.1 | 0.950 | 23.3 | 0.918 | min | |
| HT (C) | 14.5 | 0.570 | 15.4 | 0.605 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|----------------------|------|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 100mT max(mW/cm ³) | DC Bias min (A-T/cm) | | 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 | 46.1 | 92.2 | 2000 | 79 | 427 | 107 | 98.4 | 10,600 | 65 |

| 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 | |
| | | | | Max OD | 56.4 | |
| | | | | Max HT | 35.2 | |
| 0% | 48.2 | 40% | 60.2 | Surface Area (mm ²) | | |
| 20% | 54.3 | 45% | 62.1 | Unwound Core | | |
| 25% | 55.8 | 50% | 63.7 | 4,800 | | |
| 30% | 57.0 | 60% | 67.3 | 40% Winding Factor | | |
| 35% | 58.8 | 70% | 71.5 | 7,300 | | |

