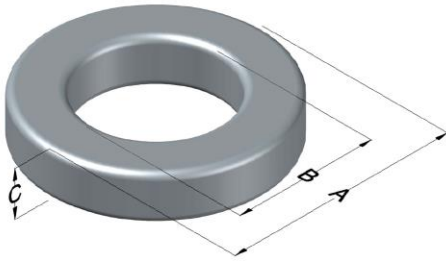




0077050A7

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 Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|--|---------------|----------------|---------------------|------------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 56 ± 8% | XXXXXX | 050A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 12.7 | 0.500 | 13.5 | 0.530 | max | Bulk Pack 4 bags/box Box Qty= 5000 pcs |
| ID (B) | 7.62 | 0.300 | 6.98 | 0.275 | min | |
| HT (C) | 4.75 | 0.187 | 5.52 | 0.217 | 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) |
| | 1000 | 80% | | | | | | | |
| | 13.5 | 35.0 | | | | | | | |

| 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 | 14.6 | Notes: |
| | | | | HT | 7.66 | |
| | | | | Max OD | 18.2 | |
| | | | | Max HT | 11.5 | |
| 0% | 17.5 | 40% | 21.1 | Surface Area (mm ²) | | |
| 20% | 19.3 | 45% | 21.7 | Unwound Core | | |
| 25% | 19.8 | 50% | 22.1 | 40% Winding Factor | | |
| 30% | 20.1 | 60% | 23.2 | | | |
| 35% | 20.7 | 70% | 24.5 | | | |

