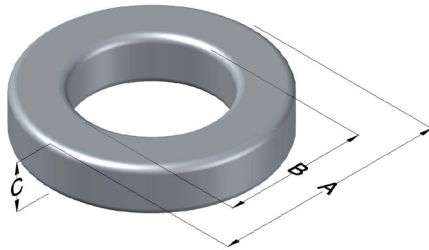




0077585A7

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 | 79 ± 8% | XXXXXX | 77585A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | Packaging |
|------------|----------|-------|---------------|-------|--|
| | (mm) | (in) | (mm) | (in) | |
| OD (A) | 34.30 | 1.350 | 35.18 | 1.385 | Cardboard cut-outs Box Qty= 300 pcs |
| ID (B) | 23.4 | 0.920 | 22.5 | 0.888 | |
| HT (C) | 8.89 | 0.350 | 9.78 | 0.385 | |

| 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) |
| | 1400 | 80% | | | | | | | |
| | 10.7 | 27.8 | | | | | | | |

| Winding Information | | | | | Temperature Rating | |
|-------------------------|------|-------------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | Curie Temp: 500°C |
| Winding Factor | (mm) | Winding Factor | (mm) | Maximum OD (70%) | 50.1 | Coating Temp (Continuous up to): 200°C |
| | | | | Maximum HT (70%) | 29.0 | |
| 0% | 32.2 | 40% | 44.0 | Surface Area (mm ²) | | Notes: |
| 20% | 38.1 | 45% | 45.6 | Unwound Core | | |
| 25% | 39.6 | 50% | 47.3 | 40% Winding Factor | | |
| 30% | 40.6 | 60% | 50.8 | | | |
| 35% | 42.5 | 70% | 54.9 | | | |

