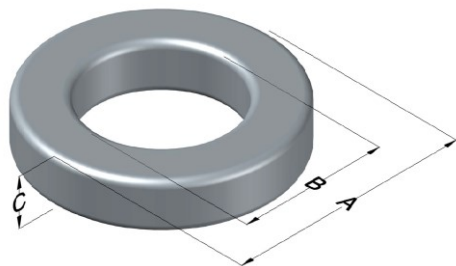




0079933A7

110 Delta Drive
 Pittsburgh, PA 15238
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 HK Sales : (852)3102-9337
 magnetics@spang.com
 www.mag-inc.com



| Kool Mu MAX Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|------------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 14 | 18 ± 8% | XXXXXX | 79933A7 | N/A | Black |

| Dimensions | | | | | Packaging |
|------------|-------|---------------|-------|-------|------------|
| Uncoated | | Coated Limits | | | |
| | (mm) | (in) | (mm) | (in) | |
| OD (A) | 26.92 | 1.060 | 27.69 | 1.090 | max |
| ID (B) | 14.73 | 0.580 | 14.10 | 0.555 | min |
| HT (C) | 11.18 | 0.440 | 11.94 | 0.470 | max |

Cardboard cut-outs
Box Qty = 400 Pcs

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|-------------------|-----|---|--------------------------|--|--|----------------------------------|--|------------|
| Watt Loss @ 50kHz, 100mT (nom, mW/cm ³) | DC Bias nom. (Oe) | | 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% | | | | | | | |
| 305 | 280 | 520 | 2000 | 76.6 | 156 | 65.4 | 63.5 | 4150 | 26.1 |

| Winding Information | | | | | Temperature Rating | |
|-------------------------|------|----------------|----------------------------|---------------------------------|--------------------|--------|
| Winding Length per Turn | | | Wound Coil Dimensions (mm) | | Curie Temp (°C): | 500 °C |
| Winding Factor | (mm) | Winding Factor | (mm) | 40% Winding Factor | OD | 30.0 |
| 0% | 37.5 | 40% | 44.6 | Completely Full Window | HT | 16.5 |
| 20% | 41.1 | 45% | 45.7 | | Max OD | 37.3 |
| 25% | 41.9 | 50% | 46.6 | Surface Area (mm ²) | Max HT | 24.0 |
| 30% | 42.8 | 60% | 48.8 | | Unwound Core: | 2400 |
| 35% | 43.8 | 70% | 51.3 | | 40% Wound: | 3500 |

Coating Temp: (Continuous, up to; °C) 200 °C

Notes:

