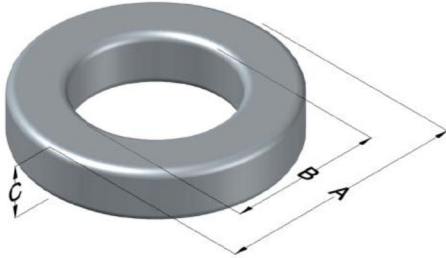




0079079A7

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 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 | |
| 19 | 27 ± 8% | XXXXXX | 79079A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 46.74 | 1.840 | 47.63 | 1.875 | max | Cardboard cut-outs Box Qty= 120 pcs |
| ID (B) | 28.70 | 1.130 | 27.89 | 1.098 | min | |
| HT (C) | 15.24 | 0.600 | 16.13 | 0.635 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 50 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) |
| | 80% | 50% | | | | | | | |
| 325 | 185 | 375 | 3000 | 99.0 | 610 | 134 | 116 | 15,600 | 92 |

| 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 | 52.0 | |
| | | | | HT | 24.9 | Notes: |
| | | | | Max OD | 66.3 | |
| | | | | Max HT | 39.8 | |
| 0% | 52.0 | 40% | 66.4 | Surface Area (mm ²) | | |
| 20% | 59.1 | 45% | 68.2 | Unwound Core | | 6,100 |
| 25% | 61.0 | 50% | 70.4 | 40% Winding Factor | | 9,800 |
| 30% | 62.2 | 60% | 74.7 | | | |
| 35% | 64.5 | 70% | 79.5 | | | |

