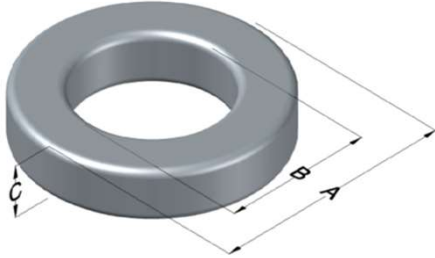




0078393A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
 magnetics@spang.com
 www.mag-inc.com



| XFlux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 75 | 152 ± 8% | XXXXXX | 78393A7 | N/A | Brown |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 40.13 | 1.580 | 40.94 | 1.612 | max | Cardboard cut-outs Box Qty= 160 pcs |
| ID (B) | 22.08 | 0.869 | 21.27 | 0.837 | min | |
| HT (C) | 17.00 | 0.669 | 17.89 | 0.704 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 50kHz, 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% | | | | | | | |
| 700 | 63 | 120 | 3000 | 450 | 355 | 153 | 95 | 14,600 | 102 |

| Winding Information | | | | | Temperature Rating | |
|--|------|----------------|------|---------------------------------|--------------------|-------------------|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | Curie Temp: 700°C |
| Winding Factor | (mm) | Winding Factor | (mm) | 40% Winding Factor | OD | 45.3 |
| | | | | | HT | 24.5 |
| 0% | 55.5 | 40% | 66.4 | Completely Full Window | Max OD | 47.5 |
| 20% | 61.0 | 45% | 68.1 | | Max HT | 33.3 |
| 25% | 62.3 | 50% | 69.5 | Surface Area (mm ²) | | |
| 30% | 63.5 | 60% | 72.8 | Unwound Core | | 5,400 |
| 35% | 65.1 | 70% | 76.7 | 40% Winding Factor | | 7,500 |
| Coating Temp (Continuous up to): 200°C | | | | | | |
| Notes: | | | | | | |

