



0074102A7

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



| Xflux Ultra Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|------------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 26 | 48 ± 8% | XXXXXX | 74102A7 | N/A | #N/A |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 101.60 | 4.000 | 103.00 | 4.055 | max | Cardboard cut-outs Box Qty= 25 pcs |
| ID (B) | 57.15 | 2.250 | 55.75 | 2.195 | min | |
| HT (C) | 16.51 | 0.650 | 17.91 | 0.705 | 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) | Est. Weight (g) |
| | 80% | 50% | | | | | | | |
| 625 | 215 | 400 | 3000 | 181.0 | 2,440 | 358 | 243 | 87,000 | 598 |

| Winding Information | | | | | Temperature Rating | |
|-------------------------|------|----------------|-------|---------------------------------|--------------------|--|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | Curie Temp: #N/A |
| Winding Factor | (mm) | Winding Factor | (mm) | 40% Winding Factor | | Coating Temp (Continuous up to): 200°C |
| | | | | OD | 111 | |
| | | | | HT | 34.7 | Notes: |
| Completely Full Window | | | | Max OD | 117 | |
| | | | | Max HT | 45.9 | |
| 0% | 83.1 | 40% | 111 | Surface Area (mm ²) | | |
| 20% | 96.7 | 45% | 115 | Unwound Core | | 21,000 |
| 25% | 100 | 50% | 119 | 40% Winding Factor | | 34,000 |
| 30% | 104 | 60% | ERROR | | | |
| 35% | 107 | 70% | ERROR | | | |

