



0059067A2

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| Edge Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|-----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 19 | 47 ± 8% | XXXXXX | 59067A2 | N/A | Green |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 68.00 | 2.677 | 69.42 | 2.733 | max | Cardboard cut-outs Box Qty= 35 pcs |
| ID (B) | 35.99 | 1.417 | 34.67 | 1.365 | min | |
| HT (C) | 19.99 | 0.787 | 21.41 | 0.843 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|-----------------|
| Watt Loss @ 100kHz, 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% | | | | | | | |
| 900 | 310 | 500 | 3000 | 181.8 | 944 | 314 | 158.1 | 49,700 | 265 |

| 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 | OD | 74.0 |
| | | | | | HT | 35.2 |
| 0% | 77.6 | 40% | 95.6 | Completely Full Window | Max OD | 78.6 |
| 20% | 85.6 | 45% | 98.3 | | Max HT | 44.4 |
| 25% | 88.9 | 50% | 100 | Surface Area (mm ²) | | |
| 30% | 91.3 | 60% | 106 | Unwound Core | 13,000 | |
| 35% | 92.9 | 70% | 112 | 40% Winding Factor | 18,000 | |
| Notes: | | | | | | |
| Coating Temp (Continuous up to): 200°C | | | | | | |

