



0059517A2

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| Edge Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|-----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 60 | 150 ± 8% | XXXXXX | 59517A2 | N/A | Green |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 52.10 | 2.051 | 53.00 | 2.087 | max | Cardboard cut-outs Box Qty= 80 pcs |
| ID (B) | 21.50 | 0.846 | 20.60 | 0.811 | min | |
| HT (C) | 15.20 | 0.598 | 16.10 | 0.634 | 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% | | | | | | | |
| 525 | 100 | 180 | 3000 | 136.0 | 333 | 217 | 109 | 23,500 | 186 |

| 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 | 55.2 |
| | | | | | HT | 22.7 |
| 0% | 64.6 | 40% | 75.3 | Completely Full Window | Max OD | 57.4 |
| | | | | | Max HT | 31.5 |
| 20% | 70.0 | 45% | 76.8 | Surface Area (mm ²) | | Notes: |
| 25% | 71.3 | 50% | 78.3 | | | |
| 30% | 72.3 | 60% | 81.5 | Unwound Core | 7,500 | |
| 35% | 74.0 | 70% | 85.2 | 40% Winding Factor | 9,400 | |
| | | | | | | Coating Temp (Continuous up to): 200°C |

