



C058867A2

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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 60 | 68 ± 8% | XXXXXX | 58867A7 | N/A | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 77.80 | 3.063 | 78.95 | 3.108 | max | Cardboard cut-outs Box Qty= 45 pcs |
| ID (B) | 49.20 | 1.938 | 48.20 | 1.898 | min | |
| HT (C) | 12.7 | 0.500 | 13.9 | 0.545 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 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) |
| | 1000 | 80% | | | | | | | |
| | 90.0 | 170 | 2000 | 141.0 | 1,820 | 176 | 196 | 34,500 | 240 |

| Winding Information | | | | | Temperature Rating | |
|-------------------------|------|----------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | Curie Temp: 460°C |
| Winding Factor | (mm) | Winding Factor | (mm) | 40% Winding Factor | | Coating Temp (Continuous up to): 200°C |
| | | | | OD | 86.6 | Notes: |
| | | | | HT | 29.1 | |
| | | | | Completely Full Window | | |
| | | | | Max OD | 112 | |
| | | | | Max HT | 54.3 | |
| | | | | Surface Area (mm ²) | | |
| | | | | Unwound Core | | 11,000 |
| | | | | 40% Winding Factor | | 23,000 |

