



C058378A2

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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 160 | 114 ± 8% | XXXXXX | 58378A2 | X | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 17.27 | 0.680 | 18.03 | 0.710 | max | Bulk Pack 4 bags/box Box Qty= 2000 pcs |
| ID (B) | 9.65 | 0.380 | 9.02 | 0.355 | min | |
| HT (C) | 6.35 | 0.250 | 7.11 | 0.280 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|--|----------------------------|------|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 100mT max (mW/cm ³) | DC Bias typical (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% | | | | | | | |
| 1500 | 32.0 | 60.0 | >2000 | 28.0 | 63.8 | 23.2 | 41.4 | 960 | 7.8540 |

| 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 | | Coating Temp (Continuous up to): 200°C |
| | | | | OD | 19.6 | Notes: |
| | | | | HT | 10.1 | |
| | | | | Completely Full Window | | |
| | | | | Max OD | 24.9 | |
| | | | | Max HT | 16.3 | |
| | | | | Surface Area (mm ²) | | |
| | | | | Unwound Core | | 990 |
| | | | | 40% Winding Factor | | 1,400 |

