



0055614A2

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| MPP Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 14 | 44 ± 8% | XXXXXX | 55614A2 | N/A | Grey |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 61.98 | 2.440 | 63.09 | 2.484 | max | Cardboard cut-outs Box Qty= 45 pcs |
| ID (B) | 32.59 | 1.283 | 31.70 | 1.248 | min | |
| HT (C) | 24.99 | 0.984 | 25.91 | 1.020 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 50mT 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) |
| | 80% | 60% | | | | | | | |
| 710 | 215 | 270 | 3000 | 193.0 | 789 | 360 | 144 | 51,800 | 409 |

| 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 | 75.3 | Notes: |
| 0% | 83.0 | 40% | 99.5 | HT | 39.7 | |
| | | | | Max OD | 81.4 | |
| 20% | 91.3 | 45% | 102 | Max HT | 47.4 | |
| 25% | 93.4 | 50% | 104 | Surface Area (mm ²) | | |
| 30% | 94.9 | 60% | 109 | Unwound Core | 12,000 | |
| 35% | 97.5 | 70% | 115 | 40% Winding Factor | 21,000 | |

