



0055230A2

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| MPP Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 19 | 8 ± 8% | XXXXXX | 55230A2 | N/A | Grey |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 11.18 | 0.440 | 11.81 | 0.465 | max | Bulk Pack 4 bags/box Box Qty= 6000 pcs |
| ID (B) | 6.35 | 0.250 | 5.84 | 0.230 | min | |
| HT (C) | 3.96 | 0.156 | 4.60 | 0.181 | 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) | Weight (g) |
| | 80% | 50% | | | | | | | |
| 1600 | 190 | 320 | 1250 | 11.8 | 26.8 | 9.06 | 26.8 | 243 | 1.71 |

| 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 | OD | 13.0 |
| | | | | | HT | 6.40 |
| 0% | 15.2 | 40% | 18.1 | Completely Full Window | Max OD | 13.6 |
| 20% | 16.7 | 45% | 18.6 | | Max HT | 8.80 |
| 25% | 17.0 | 50% | 19.0 | Surface Area (mm ²) | | |
| 30% | 17.3 | 60% | 19.9 | Unwound Core | | 420 |
| 35% | 17.8 | 70% | 20.9 | 40% Winding Factor | | 580 |
| Coating Temp (Continuous up to): 200°C | | | | | | |
| Notes: | | | | | | |

