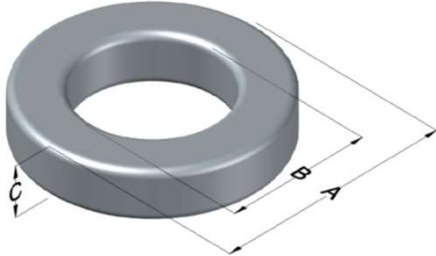




0055876A2

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| MPP Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 40 | 33 ± 8% | XXXXXX | 55876A2 | N/A | Grey |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 6.60 | 0.260 | 7.24 | 0.285 | max | Bulk Pack 4 bags/box Box Qty= 10,000 pcs |
| ID (B) | 2.67 | 0.105 | 2.16 | 0.085 | min | |
| HT (C) | 4.78 | 0.188 | 5.41 | 0.213 | 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) |
| | 800 | 80% | | | | | | | |
| | 80 | 135 | 1250 | 11.3 | 3.66 | 9.17 | 13.6 | 125 | 0.99 |

| 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 | 7.64 |
| | | | | | HT | 6.21 |
| 0% | 15.9 | 40% | 17.1 | Completely Full Window | Max OD | 7.64 |
| 20% | 16.5 | 45% | 17.2 | | Max HT | 7.01 |
| 25% | 16.5 | 50% | 17.4 | Surface Area (mm ²) | | |
| 30% | 16.8 | 60% | 17.7 | Unwound Core | 230 | |
| 35% | 16.9 | 70% | 18.2 | 40% Winding Factor | 260 | |
| Notes: | | | | | | |
| Coating Temp (Continuous up to): 200°C | | | | | | |

