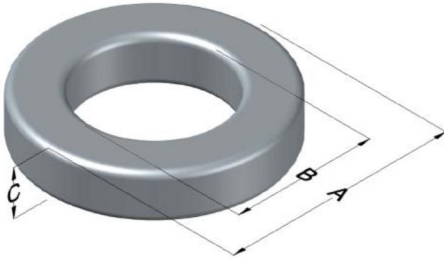




0055102A2

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| MPP Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 26 | 48 ± 8% | XXXXXX | 55102A2 | N/A | Grey |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 101.60 | 4.000 | 103.00 | 4.055 | max | Cardboard cut-outs Box Qty= 25 pcs |
| ID (B) | 57.15 | 2.250 | 55.75 | 2.195 | min | |
| HT (C) | 16.51 | 0.650 | 17.91 | 0.705 | 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) |
| | 800 | 80% 120 | | | | | | | |

| 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 | 112 | Notes: |
| 0% | 82.2 | 40% | 111 | HT | 34.9 | |
| | | | | Max OD | 136 | |
| 20% | 96.8 | 45% | 116 | Max HT | 55.1 | |
| 25% | 100 | 50% | 120 | Surface Area (mm ²) | | |
| 30% | 103 | 60% | 128 | Unwound Core | 20,000 | |
| 35% | 108 | 70% | 139 | 40% Winding Factor | 36,000 | |

Typical DC Bias Performance

