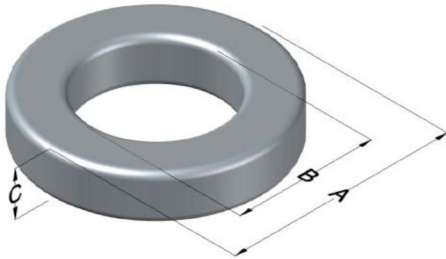




C058324A2

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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 117 ± 8% | XXXXXX | 58324A2 | X | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 35.81 | 1.410 | 36.70 | 1.445 | max | Cardboard cut-outs Box Qty= 220 pcs |
| ID (B) | 22.35 | 0.880 | 21.54 | 0.848 | min | |
| HT (C) | 10.46 | 0.412 | 11.35 | 0.447 | 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) |
| | 80% | 50% | | | | | | | |
| 1000 | 46 | 81 | 3000 | 80 | 364 | 67.8 | 89.8 | 6,090 | 49 |

| 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 | 40.2 | Notes: | |
| | | | | HT | 18.4 | | |
| | | | | Completely Full Window | | | |
| | | | | Max OD | 51.1 | | |
| | | | | Max HT | 29.6 | | |
| | | | | Surface Area (mm ²) | | | |
| | | | | Unwound Core | | 3,400 | |
| | | | | 40% Winding Factor | | 5,700 | |
| 0% | 37.9 | 40% | 48.9 | | | | |
| 20% | 43.5 | 45% | 50.6 | | | | |
| 25% | 44.8 | 50% | 52.0 | | | | |
| 30% | 46.0 | 60% | 55.5 | | | | |
| 35% | 47.6 | 70% | 59.3 | | | | |

