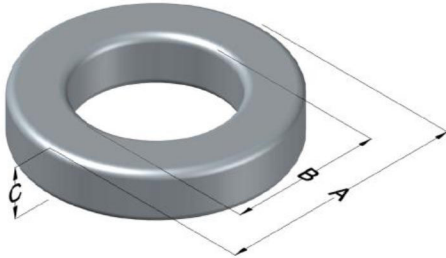




C058290A2

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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 66 ± 8% | XXXXXX | 290A2 | X | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 9.65 | 0.380 | 10.29 | 0.405 | max | Bulk Pack 4 bags/box Box Qty= 8000 pcs |
| ID (B) | 4.78 | 0.188 | 4.27 | 0.168 | min | |
| HT (C) | 3.96 | 0.156 | 4.60 | 0.181 | 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 | 46.0 | 81.0 | 1250 | 14.0 | 14.3 | 9.45 | 21.8 | 206 | 1.7000 |

| 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 | 11.0 | Notes: |
| | | | | HT | 5.96 | |
| | | | | Completely Full Window | | |
| | | | | Max OD | 13.4 | |
| | | | | Max HT | 8.20 | |
| | | | | Surface Area (mm ²) | | |
| | | | | Unwound Core | | 350 |
| | | | | 40% Winding Factor | | 450 |

