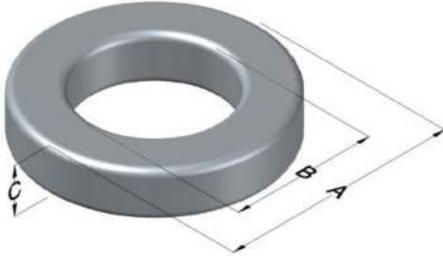




C058038A2

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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 160 | 84 ± 8% | XXXXXX | 038A2 | X | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 10.16 | 0.400 | 10.80 | 0.425 | max | Bulk Pack 4 bags/box Box Qty= 8000 pcs |
| ID (B) | 5.08 | 0.200 | 4.57 | 0.180 | 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% | | | | | | | |
| 1500 | 32.0 | 60.0 | 1250 | 12.0 | 16.4 | 9.57 | 23.0 | 220 | 1.8360 |

| 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 | OD | 11.5 |
| | | | | | HT | 5.96 |
| | | | | Completely Full Window | Max OD | 14.1 |
| | | | | | Max HT | 8.46 |
| 0% | 15.4 | 40% | 17.8 | Surface Area (mm ²) | | |
| 20% | 16.6 | 45% | 18.1 | | | |
| 25% | 16.9 | 50% | 18.4 | Unwound Core | | |
| 30% | 17.1 | 60% | 19.2 | | | |
| 35% | 17.5 | 70% | 20.0 | 40% Winding Factor | | |
| | | | | 370 | | |
| | | | | 480 | | |
| Notes: | | | | | | |
| Coating Temp (Continuous up to): 200°C | | | | | | |

Typical DC Bias Performance

