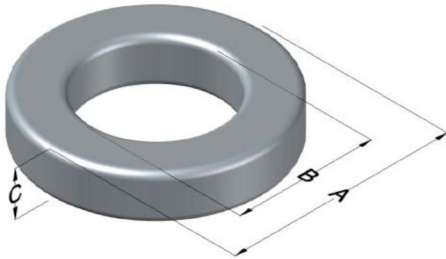




0058043A2

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 Pittsburgh, PA 15238
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 HK Sales : (852)3102-9337
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 www.mag-inc.com



| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 14 | 7 \pm 8% | XXXXXX | 043A2 | N/A | 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% | 70% | | | | | | | |
| 2600 | 280 | 385 | 1250 | 12.2 | 16.4 | 9.57 | 23.0 | 220 | 2.1000 |

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

