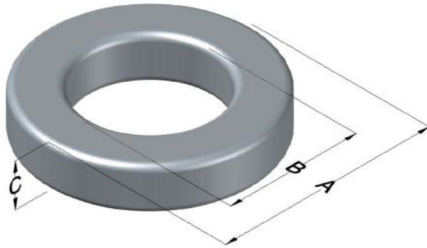




0059737A2

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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 | |
| 60 | 203 ± 8% | XXXXXX | 59737A2 | N/A | Green |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 74.09 | 2.917 | 75.21 | 2.961 | max | Cardboard cut-outs Box Qty= 24 pcs |
| ID (B) | 45.29 | 1.783 | 44.40 | 1.748 | min | |
| HT (C) | 35.00 | 1.378 | 35.92 | 1.414 | 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% | | | | | | | |
| 525 | 100 | 180 | 3000 | 227.0 | 1,550 | 497 | 184 | 91,400 | 706 |

| 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 | 75.3 | |
| | | | | HT | 39.7 | Notes: |
| | | | | Max OD | 81.4 | |
| | | | | Max HT | 47.4 | |
| 0% | 102 | 40% | 125 | Completely Full Window | | |
| 20% | 114 | 45% | 129 | Surface Area (mm ²) | | |
| 25% | 117 | 50% | 132 | | | |
| 30% | 119 | 60% | 139 | Unwound Core | | 12,000 |
| 35% | 122 | 70% | 147 | 40% Winding Factor | | 21,000 |

