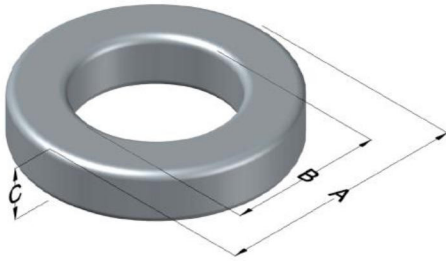




C058089A2

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 HK Sales : (852)3102-9337
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| High Flux Permeability (μ) | A_L (nH/T ²) | Core Marking | | | Coating Color |
|----------------------------------|----------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 178 \pm 8% | XXXXXX | 58089A2 | X | Khaki |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 46.74 | 1.840 | 47.63 | 1.875 | max | Cardboard cut-outs Box Qty= 120 pcs |
| ID (B) | 28.70 | 1.130 | 27.89 | 1.098 | min | |
| HT (C) | 15.24 | 0.600 | 16.19 | 0.635 | 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 | 99.0 | 610 | 134 | 116 | 15,600 | 120 |

| 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 | 52.0 | Notes: |
| | | | | HT | 24.9 | |
| | | | | Completely Full Window | | |
| | | | | Max OD | 66.3 | |
| | | | | Max HT | 39.8 | |
| | | | | Surface Area (mm ²) | | |
| | | | | Unwound Core | | 6,100 |
| | | | | 40% Winding Factor | | 9,800 |

