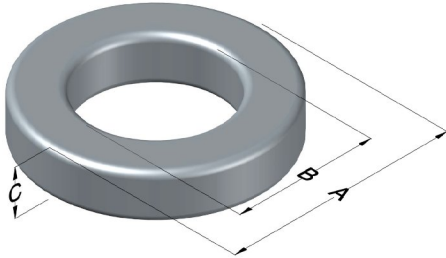




0077280A7

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| Kool M μ Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|---|--|---------------|----------------|---------------------|------------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 125 | 53 ± 12% | XXXXXX | 280A7 | N/A | Black |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 9.65 | 0.380 | 10.3 | 0.405 | max | Bulk Pack 4 bags/box Box Qty= 8000 pcs |
| ID (B) | 4.78 | 0.188 | 4.26 | 0.168 | min | |
| HT (C) | 3.18 | 0.125 | 3.81 | 0.150 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|-------------------------|------|--|-------------------------------|---|---|---------------------------------------|---|---------------|
| Watt Loss @ 100 kHz, 100mT max(mW/cm ³) | DC Bias min (A-T/cm) | | 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) |
| | 1400 | 80% | | | | | | | |
| | 10.7 | 27.8 | | | | | | | |

| Winding Information | | | | | Temperature Rating | |
|-------------------------|------|-------------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | Curie Temp: 500°C |
| Winding Factor | (mm) | Winding Factor | (mm) | Maximum OD (70%) | 13.4 | Coating Temp (Continuous up to): 200°C |
| | | | | Maximum HT (70%) | 7.44 | |
| 0% | 13.6 | 40% | 15.9 | Surface Area (mm ²) | | Notes: |
| 20% | 14.7 | 45% | 16.2 | Unwound Core | | |
| 25% | 15.0 | 50% | 16.5 | 40% Winding Factor | | |
| 30% | 15.3 | 60% | 17.2 | | | |
| 35% | 15.6 | 70% | 17.9 | | | |

