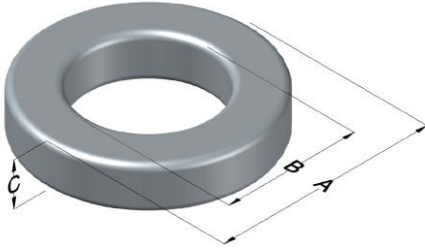




0078913A7

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 HK Sales : (852)3102-9337
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| XFLUX Permeability (μ) | A _L (nH/T ²) | Core Marking | | | Coating Color |
|------------------------------|-------------------------------------|--------------|-------------|------------------|---------------|
| | | Lot Number | Part Number | Inductance Grade | |
| 19 | 27 ± 8% | XXXXXX | 78913A7 | N/A | Brown |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 77.80 | 3.063 | 78.95 | 3.108 | max | Cardboard cut-outs Box Qty= 40 pcs |
| ID (B) | 49.20 | 1.938 | 48.20 | 1.898 | min | |
| HT (C) | 15.9 | 0.625 | 17.1 | 0.670 | max | |

| Electrical Characteristics | | | Physical Characteristics | | | | | | |
|---|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @50 kHz, 50mT 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% | | | | | | | |
| 230 | 290 | 565 | 2000 | 141.0 | 1,820 | 221 | 196 | 43,400 | 285 |

| Winding Information | | | | | Temperature Rating | | |
|-------------------------|------|----------------|------|---------------------------------|--------------------|--|-------------------|
| Winding Length Per Turn | | | | Wound Coil Dimensions (mm) | | | Curie Temp: 700°C |
| Winding Factor | (mm) | Winding Factor | (mm) | 40% Winding Factor | | OD | 86.6 |
| | | | | Completely Full Window | | HT | 32.3 |
| 0% | 64.7 | 40% | 89.9 | Max OD | 113 | Coating Temp (Continuous up to): 200°C | |
| 20% | 77.2 | 45% | 93.1 | Max HT | 57.7 | Notes: | |
| 25% | 80.5 | 50% | 96.8 | Surface Area (mm ²) | | | |
| 30% | 82.7 | 60% | 104 | Unwound Core | | 13,000 | |
| 35% | 86.8 | 70% | 113 | 40% Winding Factor | | 24,000 | |

