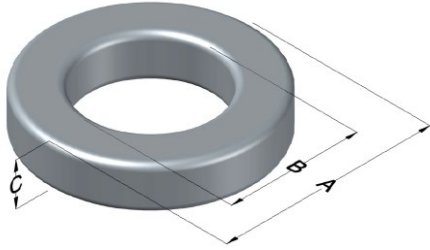




0078554A7

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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 | 20 \pm 8% | XXXXXX | 78554A7 | N/A | Brown |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|------------|----------|-------|---------------|-------|-----|--|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 32.79 | 1.291 | 33.66 | 1.325 | max | Cardboard cut-outs Box Qty= 250 pcs |
| ID (B) | 20.09 | 0.791 | 19.46 | 0.766 | min | |
| HT (C) | 10.67 | 0.420 | 11.43 | 0.450 | 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) |
| | 215 | 80% | | | | | | | |
| | 290 | 575 | | | | | | | |

| 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 | | Coating Temp (Continuous up to): 200°C |
| | | | | OD | 36.8 | Notes: |
| | | | | HT | 17.8 | |
| | | | | Max OD | 46.7 | |
| | | | | Max HT | 28.0 | |
| 0% | 37.1 | 40% | 46.9 | Surface Area (mm ²) | | |
| 20% | 42.1 | 45% | 48.5 | Unwound Core | | |
| 25% | 43.2 | 50% | 50.0 | 40% Winding Factor | | |
| 30% | 44.4 | 60% | 52.8 | | | |
| 35% | 45.9 | 70% | 56.3 | | | |

