# 0078071A7S01

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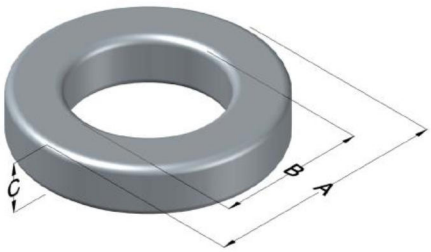
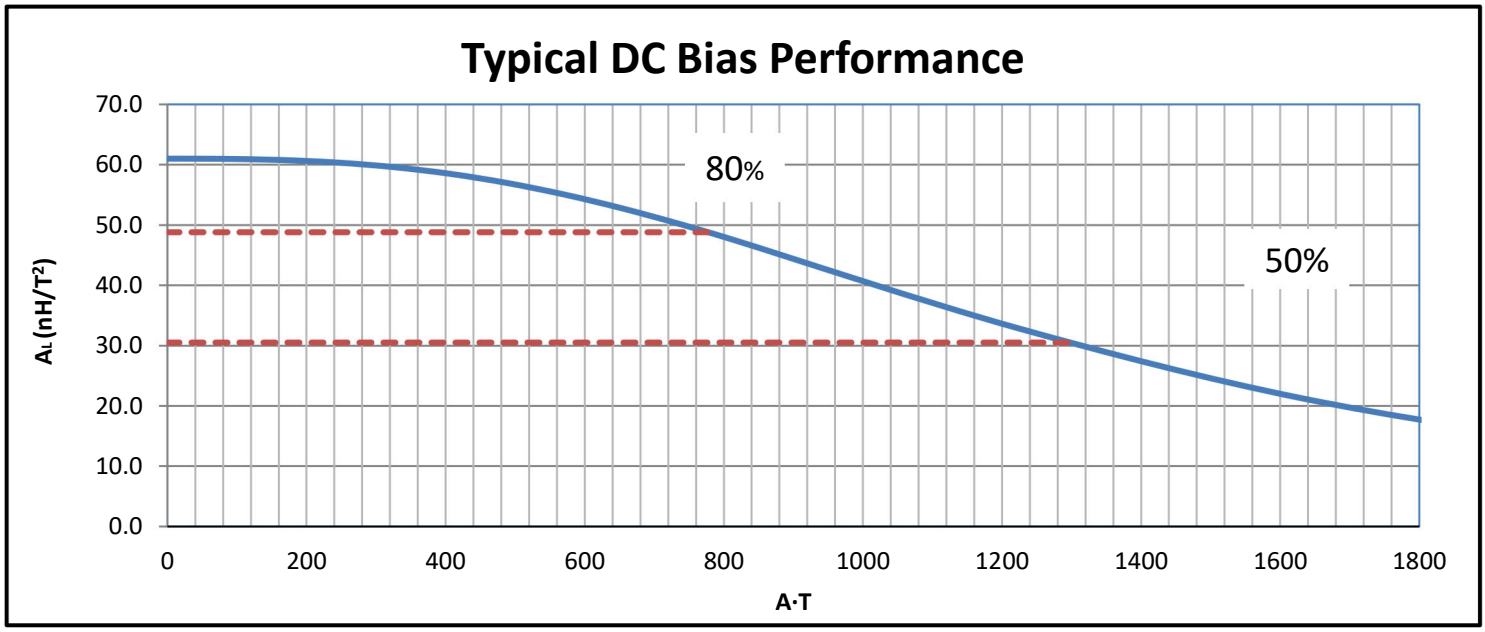



| XFLUX Permeability (μ) | AL (nH/T²) | Core Marking | | | Coating Color |
|---|---|---|---|---|---|
| | | Lot Number | Part Number | Inductance Grade | |
| 60 | 61 ± 8% | XXXXXX | 78071A7S01 | N/A | Brown |

| Dimensions | Uncoated | | Coated Limits | | | Packaging |
|---|---|---|---|---|---|---|
| | (mm) | (in) | (mm) | (in) | | |
| OD (A) | 32.79 | 1.291 | 33.66 | 1.325 | max | Cardboard cut-outs<br>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, 100mT max (mW/cm³) | DC Bias min (oersteds) | | Voltage Breakdown wire to wire min ($V_{AC}$) | Break Strength min (kg) | Window Area $W_A$(mm²) | Cross Section $A_e$ (mm²) | Path Length $L_e$ (mm) | Volume $V_e$ (mm³) | Weight (g) |
| | 80% | 50% | | | | | | | |
| 900 | 100 | 170 | 3000 | 79.0 | 297 | 65.6 | 81.4 | 5,340 | 38 |

| 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 | 36.8 | Coating Temp (Continuous up to): 200˚C |
| | | | | | HT | 17.8 | |
| 0% | 37.1 | 40% | 46.9 | Completely Full Window | Max OD | 46.7 | Notes: |
| 20% | 42.1 | 45% | 48.5 | | Max HT | 28.0 | |
| 25% | 43.2 | 50% | 50.0 | Surface Area (mm²) | | | |
| 30% | 44.4 | 60% | 52.8 | Unwound Core | | 3,100 | |
| 35% | 45.9 | 70% | 56.3 | 40% Winding Factor | | 4,900 | |




Revision 10/6/2021