**Mini USB, 5 Position, Vertical, Surface Mount**

**TOL. DEC.** .X +/- .030 .XX +/- .30 .XXX +/- .30 ANGLE +/- 3° UNIT: mm

**P/N:** U003-A6A0-224-ZX

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**ELECTRICAL:**
- **Current Rating:** 0.5A
- **Contact Resistance:** < 30 Milliohm Max.
- **Insulation Resistance:** > 1000 Mgeaohm Min.
- **Dielectric Withstanding Voltage:** 750V (rms) AC for 1 Minute
- **Operating Temperature:** -55°C to +125°C

**Material:**
- **Insulator:** LCP; 30% Glass Filled; UL94V-0; Black
- **Contacts:** Phosphor Bronze
- **Contact Plating:** Gold Plating over Nickel in Contact Area; Gold Plating on Solder Area of Terminal
- **Shell:** Copper Alloy
- **Shell Plating:** Nickel

**How to Order:**
- **U 0 0 3 - A**
- **Circuit Sizes**
  - A: Female; Vertical; 8.0mm Body
  - 5 Circuit
- **PC Tail Length (T)**
  - 6 - (T = 1.7mm)
- **Contact Plating**
  - See Material Notes
- **RoHS Compliant**
- **Packaging**
  - Blank - T/R w/Cap
  - 1-Tray
  - 4 - T/R w/out Cap

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**Rev** | **Drawn** | **Checked** | **Approved** | **Date**
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0 | B.S. | S.M. | S.M. | 10/15/08
A | B.S. | S.M. | S.M. | 10/27/08
B | B.S. | S.M. | S.M. | 07/02/14

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**SMP TECHNOLOGY, INC.**