



**ELECTRICAL:**

CURRENT RATING: 1.0 Amps MAX  
 CONTACT RESISTANCE:  
 < 30 Milliohm Max.  
 INSULATION RESISTANCE:  
 > 1000 Mgeaohm Min.  
 DIELETRIC WITHSTANDING VOLTAGE:  
 500 VAC for 1 Minute  
 OPERATING TEMPERATURE: -55° C to +125° C

**MATERIAL:**

INSULATOR: PA6T; UL94V-0  
 CONTACTS: Phosphor Bronze  
 CONTACT PLATING:  
 Selective Gold Plating on Mating Area  
 80-120u" Tin / Lead Free on PC Tails  
 SHELL: Copper Alloy

**HOW TO ORDER:**

U 0 0 3 - A 7 B 0 - 2 4 X - Z 1

**CIRCUIT SIZES**  
 A - Female; Vertical; 9.45mm Height  
 Body 5 Circuit

**Recommended PCB Layout**

**CONTACT PLATING**  
 2 - Selective Au Flash  
 3 - 15u" Selective Au  
 4 - 30u" Selective Au

**RoHS COMPLIANT**

**PACKAGING**  
 1- Tray

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	09/03/09

**SMP TECHNOLOGY, INC.**

Mini USB, 5 Position, Vertical, Thru Hole PC Tails

TOL. DEC. .X +/- 0.30 .XX +/- 0.30 .XXX +/- 0.30 ANGLE +/- 3° UNIT: mm

P/N: U003-A7B0-24X-Z1 Pg: 1