USB CONNECTOR, SINGLE PORT, STRAIGHT, TYPE A (13.7mm Height)

**ELECTRICAL:**
CURRENT RATING: 1A
CONTACT RESISTANCE:
< 30m Ohm Max.
INSULATOR RESISTANCE:
> 1000M Ohm Min.
DIELECTRIC WITHSTANDING VOLTAGE:
500 VAC for 1 Minute
OPERATING TEMPERATURE: -55° C to +105° C

**MATERIAL:**
INSULATOR: Thermoplastic UL94V-0
CONTACTS: Gold Plated
SHELL PLATING: Nickel

**MECHANICAL:**
CONTACT INSERTION FORCE: 3.5 Kgf Max
CONTACT SEPARATION FORCE: 1.0 Kgf Max

**HOW TO ORDER:**
U 0 0 1 - 0 4 1 X - 8 1 X - Z

**NUMBER OF CONTACTS:**
04 - 4 PIN SINGLE PORT

**DEFINITION:**
1 - STRAIGHT

**INSULATOR COLOR:**
0 - BLACK
1 - WHITE

**SELECTIVE CONTACT PLATING:**
1 - Gold
3 - 15u" Au
4 - 30u" Au

**RECOMMENDED PCB LAYOUT**

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**REVISED FOR PCB LAYOUT DIMENSION 2.7 VS 2.4**
B.S. 12/10/09

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**REVISED FOR ADDITIONAL DIMENSIONS (CONTACT TAIL LENGTH)**
B.S. 01/22/12

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**SMP TECHNOLOGY, INC.**

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**TOL. DEC.**
X +/- 0.20
XX +/- 0.10
XXX +/- 0.05

**ANGLE +/-**
UNIT: mm

**P/N:** U001 - 041X - 81X - Z

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**Pg:** 1