**ELECTRICAL:**

**CURRENT RATING:** 1.8 Amps (Max)
Applied to V bus pin and corresponding ground pin;
.25 Amp (Min) For All Remaining Contacts

**CONTACT RESISTANCE:**
30 milliohm Max (initial) for V bus and
ground contacts. 50 milli ohms all other contacts.

**INSULATION RESISTANCE:**
100 Megaohm min @ 250 VDC

**DIELECTRIC WITHSTANDING VOLTAGE:**
500V (rms) AC for 1 Minute

**OPERATING TEMPERATURE:** -25° C to +85° C

**MATERIAL:**
INSULATOR: Thermoplastic UL94HB (NY-9T)
Blue (Pantone 300C)
CONTACTS: Copper Alloy

**CONTACT PLATING:** 30u" Pd - Ni+2u" Gold Over 80u" Nickel;
Solder Tails : 100-200u" Matte Tin

**SHELL:** Copper Alloy

**SHELL PLATING:** SPCC Nickel

**PACKAGING:** Tape & Reel

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**HOW TO ORDER:**

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**NUMBER OF CONTACTS:**
09 - 9 Pin Female

**INSULATOR COLOR:**
2 - Blue (Pantone 300C)

**NUMBER OF LOCKS:**
0 - Standard 2 Locks (Top, Bottom, Sides)

**DEFINITION:**
2 - Right Angle (Thru Hole) USB 3.0 Open Back

**SHELL STYLE:**
1 - Standard - No Front Grounding Springs

**SELECTIVE CONTACT PLATING:**
4 - 30u" Pd - Ni+2u" Gold Over 80u" Nickel;
Solder Tails : 100-200u" Matte Tin

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**SMP TECHNOLOGY, INC.**

USB 3.0 Connector, A Type, Female, 9 Position, Surface Mount,
Open Back, Kinked PCB Retention Tails

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**TOL. DEC.** X +/- 0.30  XX +/- 0.20  ANGLE +/- 5°  UNIT: mm  SERIES: U001-0922-124-Z1  Pg: 1