

Materials

- 1. Shell, steel, nickel plated
- 2. Pins, brass, 5 μ" gold and tin plating
- 3. Insulator, PBT, black

Electrical

Rated voltage: 30 Vdc Rated current: 3 A

Dielectric strength: 1 min @ 500 Vac Insulation resistance: 500 M Ω @ 500 Vdc Contact resistance: 50 m Ω or less

Mechanical

Insertion force: 3.5 kgf maximum Withdrawal force: 1.0 kgf minimum

Durability: 1500 cycle minimum life; less than 100 m Ω contact resistance, minimum 100 M Ω insulation resistance

Terminal strength: 0.3 kgf in any direction for 15 seconds without damage or looseness

Soldering

Solderability: 75% minimum coverage when terminals dipped 2 mm in 245 ±5 °C solder bath for 3 ±0.5 seconds

Solder bath durability: no deformation when immersed in 255 ± 5 °C up to surface of the board for 5 seconds or less

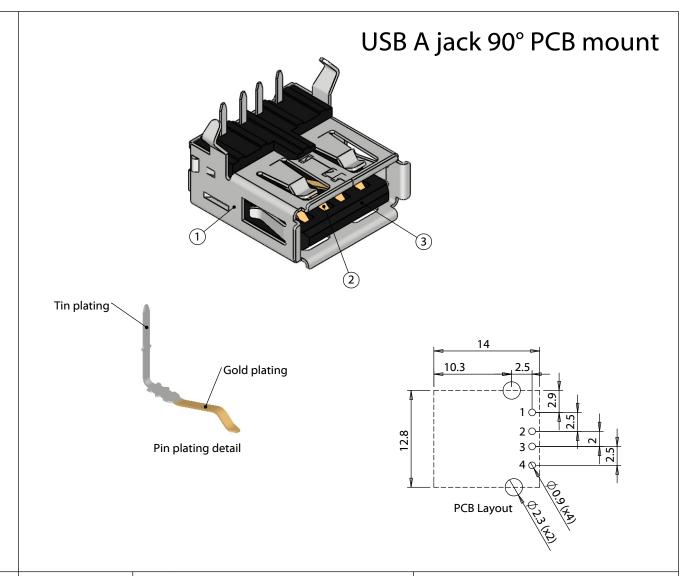
Solder iron durability: no deformation when exposed to 350 ± 10 °C for 3 ± 0.5 seconds

Environmental

Cold test: -25 ±3 °C for 48 hours without deformation Heat test: 70 ±2 °C for 48 hours without deformation Humidity test: 40 ±2 °C and humidity between 90 and 98 % for 48 hours without deformation

Operating range

-10 ~ 60 °C



VERIFIED: 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com	RE\	VISION	DATE 9/28/2015	DESCRIPTION Initial release	PREPARED:		NOTES RoHS and REACH compliant		TENSILITY				
DESCRIPTION: TOLERANCES: Up to 1.0: ± 0.1 mm 1.0 to 10.0: ± 0.2 mm DESCRIPTION: Connector, USB A jack PCB mount, 90°, nickel shell, board lock, black insulator DESCRIPTION: Connector, USB A jack PCB mount, 90°, nickel shell, board lock, black insulator 54-00001					DIMENSIONS ARE IN					Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202			
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