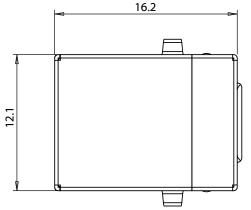
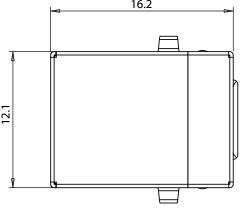
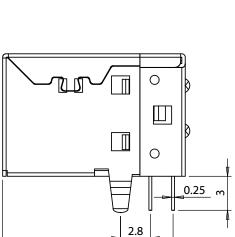
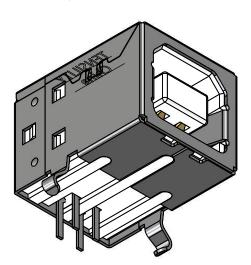
USB B jack 90° PCB mount

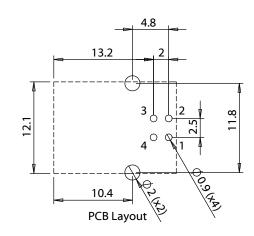






10.4





Revision:	Date:	Description:	Prepared:	Notes:	
A	10-22/2015	Initial release	Digitally signed by GL Date: 2018.08.06 10:51:30 -07'00'	RoHS and REACH	
A1	07/30/2018	Corrected operating temp range	Verified: RS Digitally signed by RS Date: 2018.08.09 10:39:09-07'00'	Function test: no intermittent	
			Dimensions are in		
			millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Connector, USB B shielded, board lo	

0.6

14.7

5

8.45 5.5

10.8 7.8

compliant

4.8

open, no short circuit, no

B Jack, PCB mount, 90°, nickel shell, lock, white insulator, tray

tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com

Size:	Part numbei
Α	54-00018

Scale: 2:1 Sheet 1 of 2

3 2

Materials

- 1. Shell, steel, nickel plated
- 2. Pins, phosphor bronze, 5 μ " gold and tin plating
- 3. Insulator. PBT + 30% GF, white, 94 V-0

Electrical

Rated voltage: 30 Vdc Rated current: 3 A

Dielectric strength: 1 min @ 500 Vac Insulation resistance: 1000 M Ω @ 500 Vdc Contact resistance: 30 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 50 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

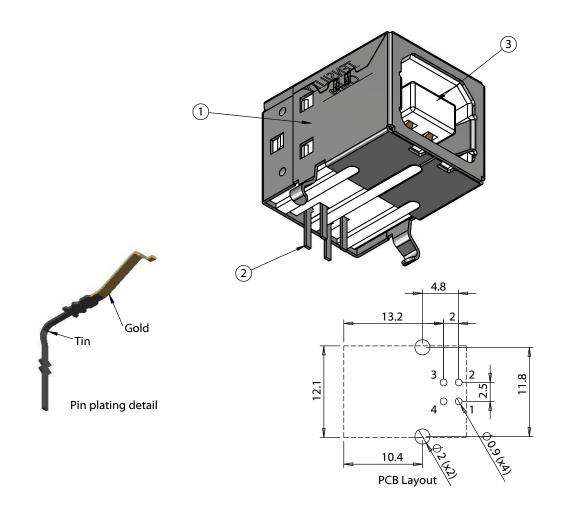
Solder iron durability: no deformation when exposed to 350 ±10 °C for 3 ±0.5 seconds

Environmental

Cold test: -40 ±3 °C for 48 hours without deformation Heat test: 85 ±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 -40 ~ 85 °C

USB B jack 90° PCB mount



Revision:	Date:	Description: Prepared:		Notes:				
Α	10-22/2015	Initial release	GL Digitally signed by GL Date: 2018.08.06 10:51:47 - 07'00'	RoHS and REACH compliant		FI	JSII	ITY
A1	07/30/2018	Corrected operating temp range	Verified: RS Digitally signed by RS Date: 2018.08.09 10:39:29-07'00'	Function test: no open, no short circuit, no intermittent	1 — 1 — 1 — 1		1	
			Dimensions are in		10x 1.541.525.4262 web terisinty.com			
			millimeters.	Description:	Size:	e: Part number:		
			Tolerances: X: ± 0.5 mm	Connector, USB B Jack, PCB mount, 90°, nickel shell,	А 54-00018			
			X.X: ± 0.3 mm X.XX: ± 0.05 mm	shielded, board lock, white insulator, tray	Scale:	2:1		Sheet 2 of 2