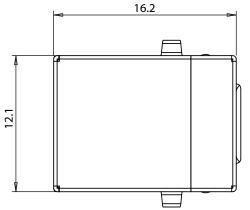
USB B jack 90° PCB mount

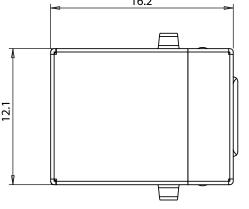


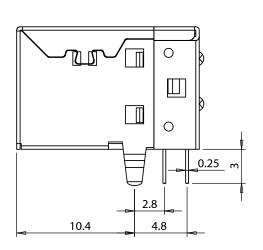
8.45 5.5

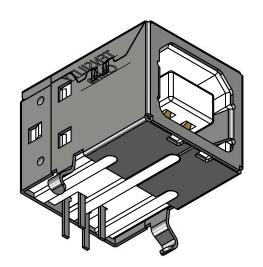
0.6

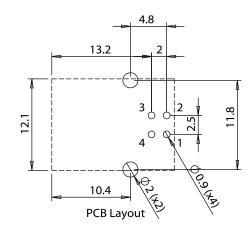
14.7

10.8









Revision:	Date:	Description:	Prepared:	Notes:						
А	10-22/2015	Initial release	GL Digitally signed by GL Date: 2018.08.06 10:51:30 -07'00'	- RoHS compliant			E	NSIL	ITY	
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 open, no short circuit, no intermittent			tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
			Dimensions are in	- Internation		lax 1.341.323.4202 Web terisiiity.com				
			millimeters.	Describtion.		Size:	Part nu	mber:		
			Tolerances: X: ± 0.5 mm	Connector, USB B Jack, PCB mount, 90°, nickel shell,	Α	54-00018				
			X.X: ± 0.3 mm X.XX: ± 0.05 mm	shielded, board lock, white insulator, tray		Scale:	2:1		Sheet 1 of 2	
		5	4	3	2		1		1	

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

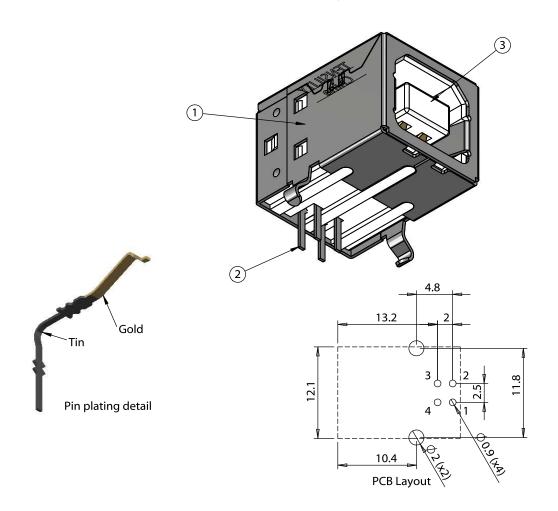
Solder iron durability: no deformation when exposed to 350 ±10 °C for 3 ±0.5 seconds

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:						
А	10-22/2015	Initial release	GL Digitally signed by GL Date: 2018.08.06 10:51:47 - 07'00'	RoHS compliant Function test: no open, no short circuit, no intermittent		ENSILITY			
A1	07/30/2018	Corrected operating temp range	Verified: RS Digitally signed by RS Date: 2018.08.09 10:39:29-07'00'			tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
			Dimensions are in						
			millimeters.	Description:	Size:	Part number:			
			Tolerances: X: ± 0.5 mm	Connector, USB B Jack, PCB mount, 90°, nickel shell, shielded, board lock, white insulator, tray		А 54-00018			
			X.X: ± 0.3 mm X.XX: ± 0.05 mm			: 2:1 Sheet 2 of 2			