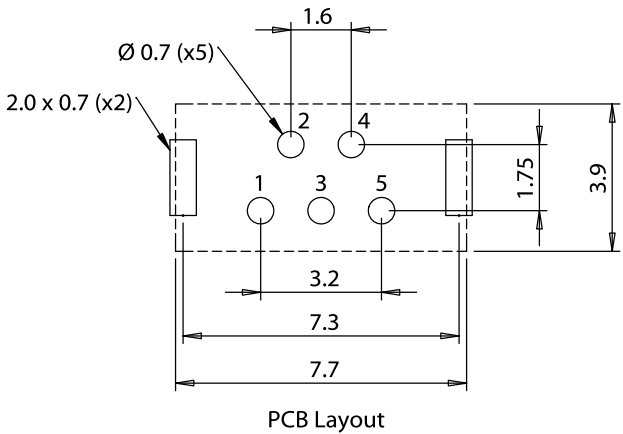
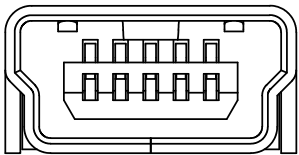
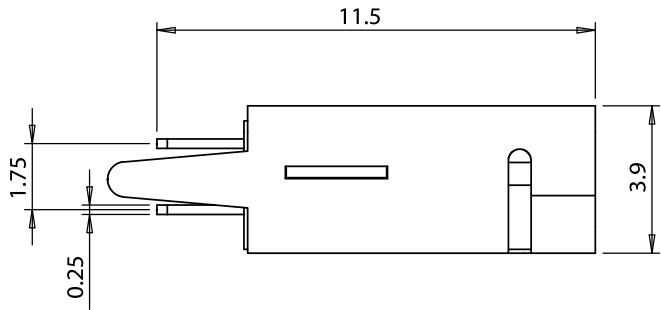
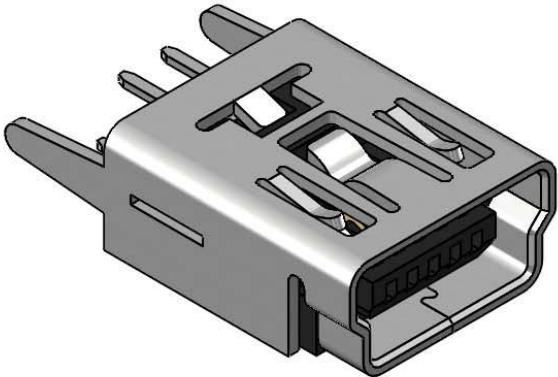
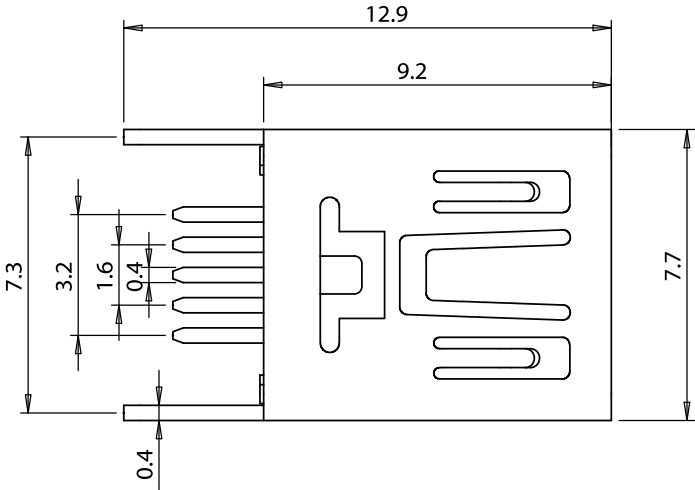


USB mini B jack 180° PCB mount



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	09/28/2015	Initial release	GL		
A1	07/30/2018	Corrected operating temp range	Verified: RS	RoHS compliant	Function test: no open, no short circuit, no intermittent
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size: A
				Connector, USB mini B Jack, PCB mount, 180°, nickel shell, DIP, black insulator, tray	Part number: 54-00023
					Scale: 5:1
					Sheet 1 of 2

Materials

- 1. Shell, phosphor bronze, nickel plated
- 2. Pins, phosphor bronze, 5 μ" gold and tin plating
- 3. Insulator, Nylon 46, black

Electrical

Rated voltage: 30 Vdc
Rated current: 2 A
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: 100 MΩ @ 500 Vdc
Contact resistance: 50 mΩ or less

Mechanical

Insertion force: 3.5 kgf maximum
Withdrawal force: 0.7 kgf minimum
Durability: 5000 cycle minimum life; less than 100 mΩ contact resistance, minimum 50 MΩ 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 255 ±5 °C solder bath for 3 ±0.5 seconds
Solder bath durability: no deformation when immersed in 260 ±5 °C up to surface of the board for 10 seconds or less
Solder iron durability: no deformation when exposed to 350 ±10 °C for 3 ±0.5 seconds

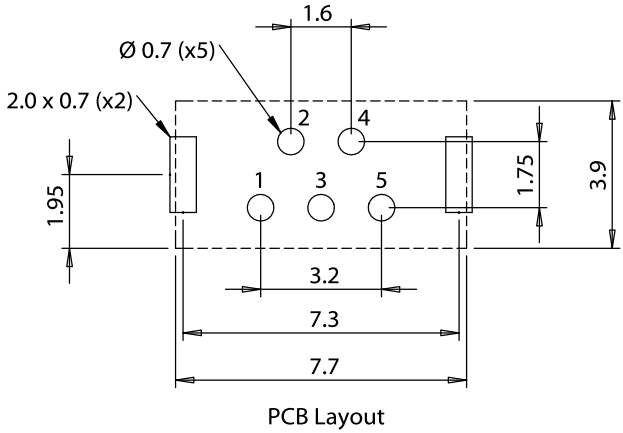
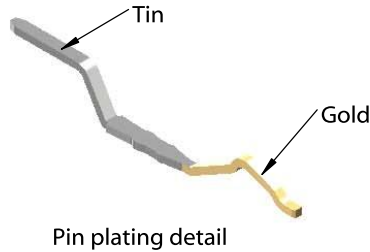
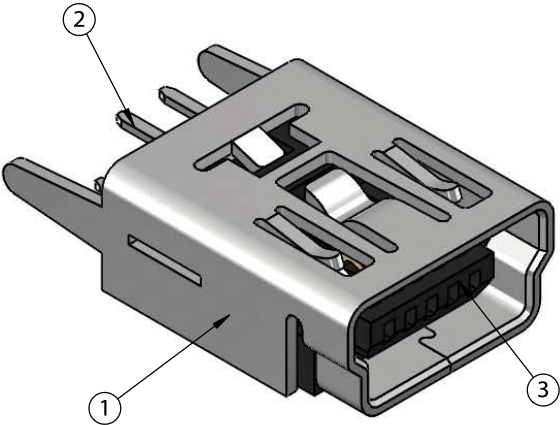
Environmental

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 mini B jack 180° PCB mount



Revision:	Date:	Description:	Prepared: GL Digitally signed by GL Date: 2018.08.06 11:11:09 -07'00'	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	09/28/2015	Initial release	Verified: RS Digitally signed by RS Date: 2018.08.09 11:14:05 -07'00'	RoHS compliant		
A1	07/30/2018	Corrected operating temp range	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Function test: no open, no short circuit, no intermittent	Size: A	Part number: 54-00023
				Description: Connector, USB mini B Jack, PCB mount, 180°, nickel shell, DIP, black insulator, tray	Scale: 5:1	Sheet 2 of 2