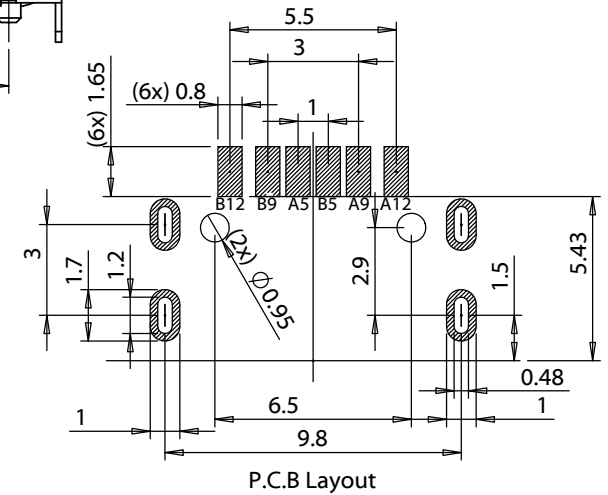
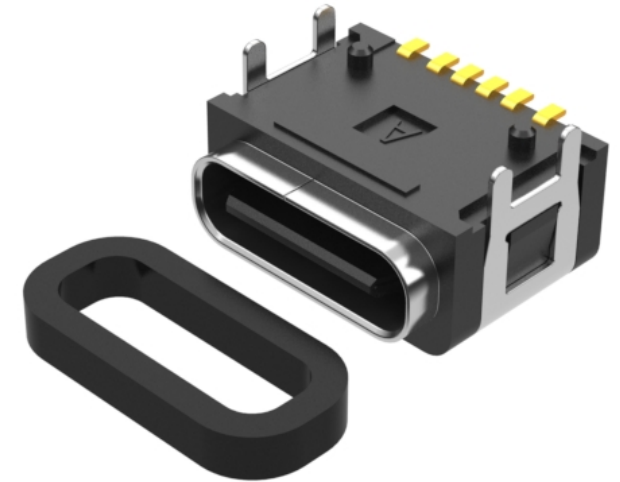
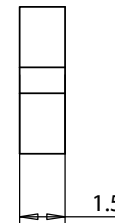
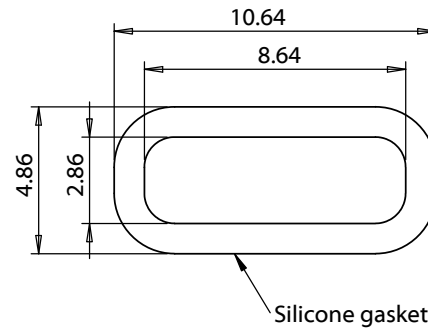
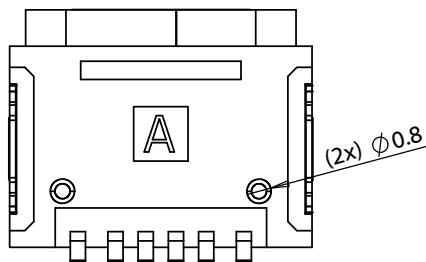
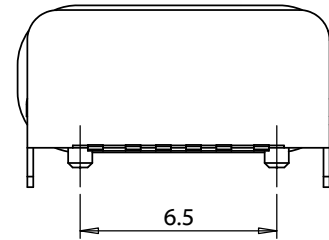
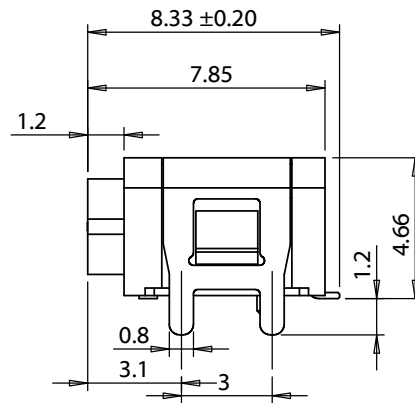
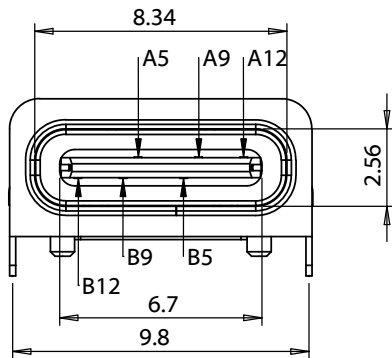


Signal Name	
A5	CC1
A9	VBUS
A12	GND
B5	CC2
B9	VBUS
B12	GND



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118</p> <p>fax 1.541.323.4202 web tensility.com</p>
A	5/20/2021	Initial release	JD	RoHS compliant	
			Verified:	Function test: no open, no short circuit, no intermittent	<p>Size: Part number:</p> <p>A 54-00284</p>
			AG	Description:	
			Dimensions are in millimeters.	Connector, USB type C power jack, SMT, through hole, 90°, nickel shell, IPX6 waterproof, reel	Scale: 4:1
			Tolerances:		
			X: ± 0.1 mm		Sheet 1 of 2
			X.X: ± 0.1 mm		
			X.XX: ± 0.1 mm		

Materials

- ① Shell, stainless steel, nickel plating
- ② Pins, phosphor bronze, gold plating
- ③ Insulator, Nylon PA10T+ 30% GF, black
- ④ Seal, Silicone Rubber, black

Electrical

Rated voltage: 30 Vdc
 Rated current: 3 A
 Dielectric strength: 1 min @ 500 Vac
 Insulation resistance: 1000 MΩ min
 Contact resistance: 30 mΩ or less

Mechanical

Insertion force: 3.5 kgf maximum
 Withdrawal force: 0.8 kgf minimum
 Durability: 10000 cycle minimum
 Plug interface conforms to USB 2.0 specification

Environmental

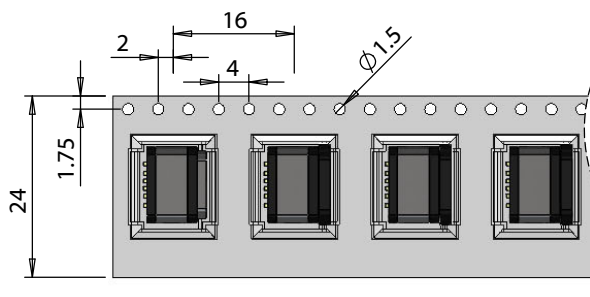
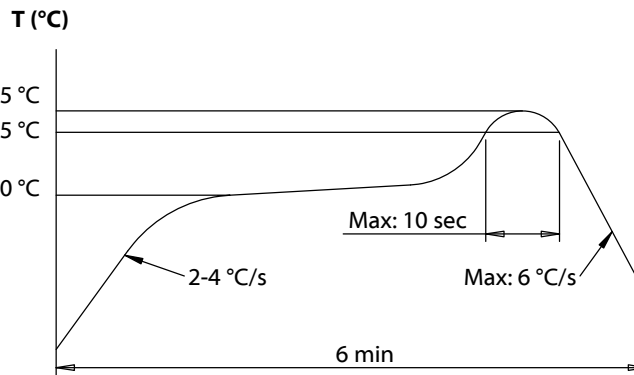
Waterproof: IPX6

Operating range

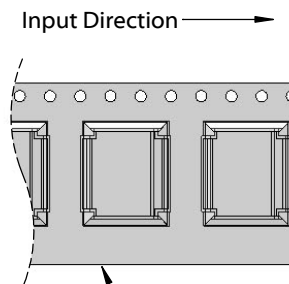
-40 ~ 85 °C

Packaging

Tape and Reel
 700 pieces per reel
 10 reels per carton
 Silicone gasket packaged separate from reel



Packaging Detail



20 pieces empty at beginning of reel

Revision:	Date:	Description:	Prepared:	Notes:	<div style="text-align: center;"> <h1>TENSILITY</h1> <p> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com </p> </div>		
A	5/20/2021	Initial release	JD	RoHS compliant			
			Verified:	Function test: no open, no short circuit, no intermittent	Size:	Part number:	
			AG	Description:	A	54-00284	
			Dimensions are in millimeters.	Connector, USB type C power jack, SMT, through hole, 90°, nickel shell, IPX6 waterproof, reel	Scale:	1:1	Sheet 2 of 2
			Tolerances:				
			X: ± 0.3 mm				
			X.X: ± 0.1 mm				
			X.XX: ± 0.05 mm				