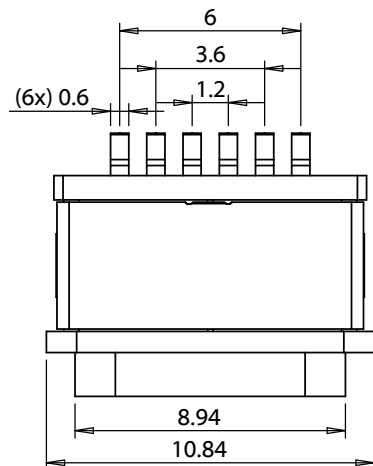
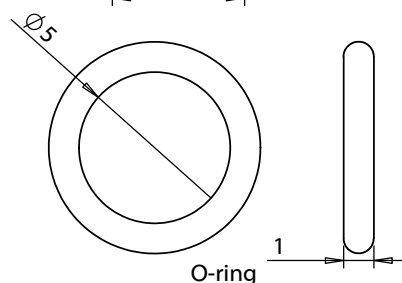
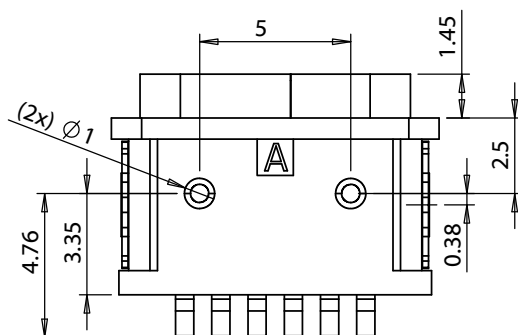
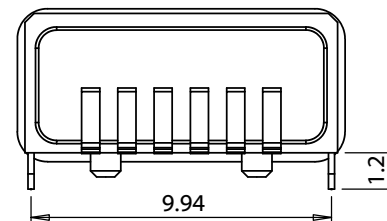
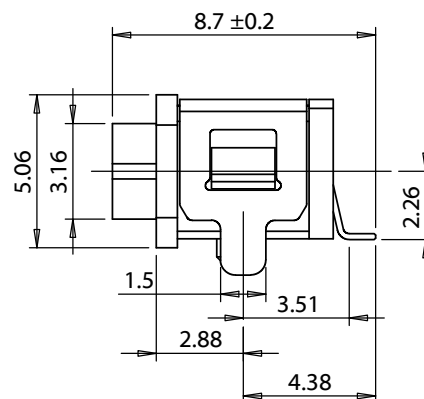
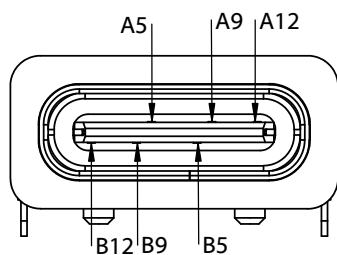
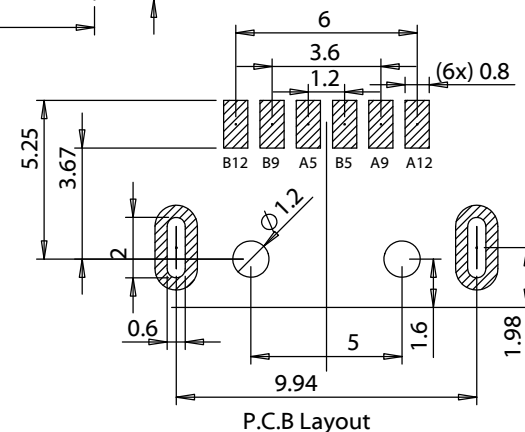




Signal Name	
A5	CC1
A9	VBUS
A12	GND
B5	CC2
B9	VBUS
B12	GND



Recommended compression 40 - 50%



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	6/11/2021	Initial release	Verified:	RoHS compliant			
			Dimensions are in millimeters. Tolerances: X: ± 0.1 mm X.X: ± 0.1 mm X.XX: ± 0.1 mm	Function test: no open, no short circuit, no intermittent			
				Description: Connector, USB type C power jack, SMT, through hole, 90°, nickel shell, IPX7 waterproof, reel			
					Size: A	Part number: 54-00285	
					Scale: 4:1	 	Sheet 1 of 2

Materials

- ① Shell, stainless steel, nickel plating
- ② Pins, phosphor bronze, gold plating
- ③ Insulator, Nylon PA10T+ 30% GF, black
- ④ O-ring, Silicone Rubber, black (p/n 55-00199)

Electrical

Rated voltage: 30 Vdc
Rated current: 3 A
Dielectric strength: 1 min @ 100 Vac
Insulation resistance: 100 MΩ min
Contact resistance: 30 mΩ or less

Mechanical

Insertion force: 3.5 kgf maximum
Withdrawal force: 0.8 kgf minimum
Durability: 10,000 cycle minimum

Environmental

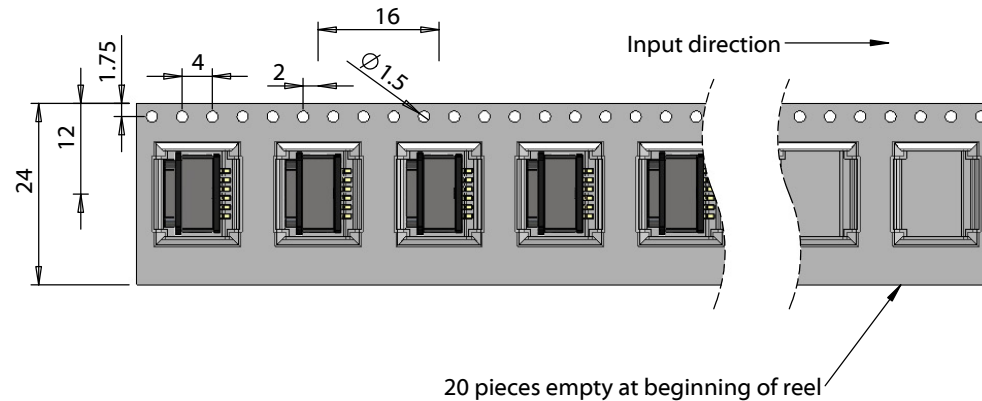
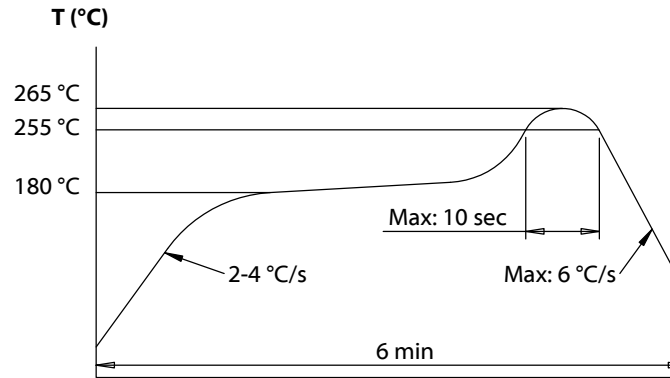
Waterproof: IPX7

Operating range

-40 ~ 85 °C

Packaging

Tape and Reel
600 pieces per reel
10 reels per carton
Silicone o-ring packaged separate from reel



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	6/11/2021	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent			
				Description:	Size:	Part number:	
				Connector, USB type C power jack, SMT, through hole, 90°, nickel shell, IPX7 waterproof, reel	A	54-00285	
					Scale: 1:1		Sheet 2 of 2