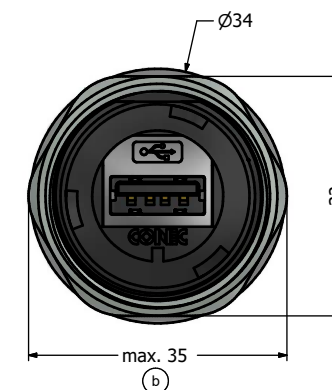
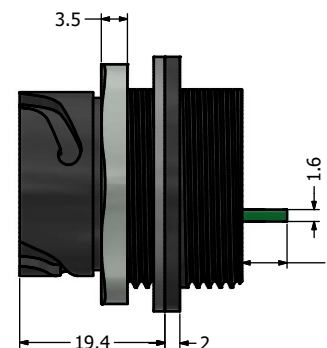
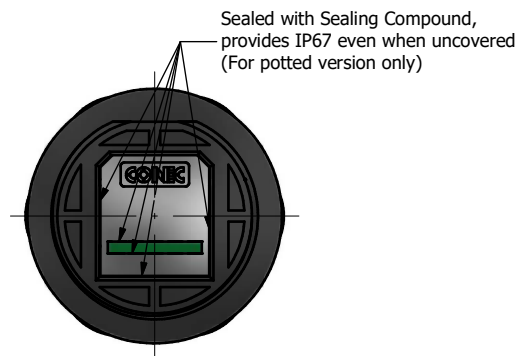
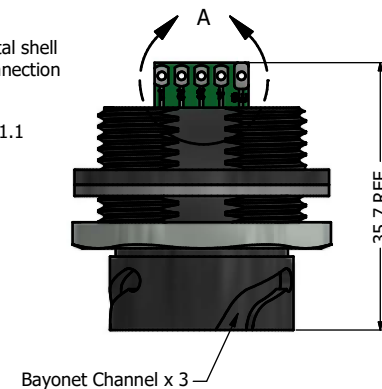
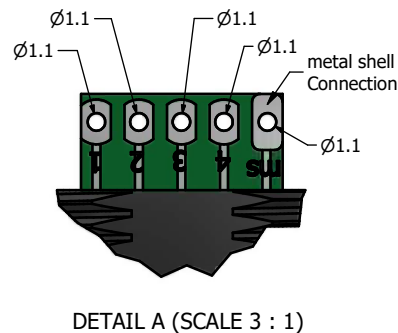
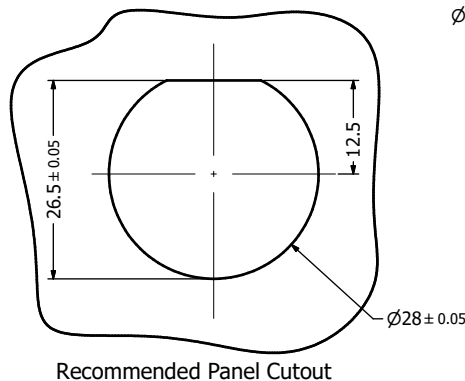
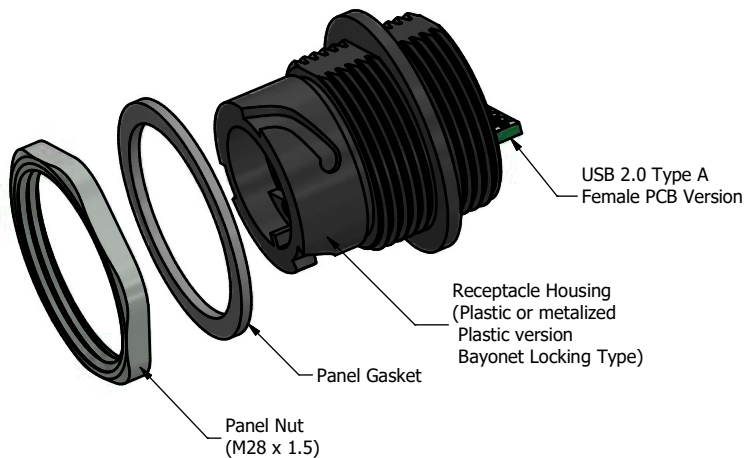




Notes:

1. Electrical Specifications:

- Meets USB 2.0 Specification
- Contact Resistance: 30 mOhm max.
- Insulation Resistance: 1000 MOhm min. @ 100 VDC
- Current Rating: 1.5 A max. at 25° C
- Working Voltage: 30 V (RMS) max.
- DWV: 500 VAC/60s at sea level
- Operating Temperature: -40° C to +85° C

2. Material and Finish:

- Receptacle Housing: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0
- Panel Nut: Brass, Finish: Nickel Plated
- Panel Gasket: Silicon, Color: White
- USB Insulator: PBT, UL94 V-0, Black
- USB Metal Shell: Copper Alloy, Nickel Plated
- USB Overmold material: PBT UL94 V-0, Color: Black
- USB Contacts: Copper Alloy, Finish: 30 u" Gold min. over Nickel
- PCB: FR-4, UL94 V-0, Color: Green

3. Connector can be front or rear mounted to a maximum panel thickness of 3.2 mm.

4. IP67 rated when covered or fully mated with the appropriate mating connector

5. Recommended Mounting Panel Nut torque is 20 to 25 lb-inch

Description	Part Number
Plastic Version with USB 2.0 Type A Female PCB Version	17-200881
Metallized Plastic Version with USB 2.0 Type A Female Version	17-200891
Potted Plastic Version with USB 2.0 Type A Female PCB Version	17-210001
Potted Metallized Plastic Version with USB 2.0 Type A Female Version	17-210011

Pin to typical USB Cable Wiring Assignment

Type A F	PCB	Signal Name	USB Cable
Pin1 -----	Pin1 -----	V _{bus} -----	Red
Pin2 -----	Pin2 -----	D- -----	White
Pin3 -----	Pin3 -----	D+ -----	Green
Pin4 -----	Pin4 -----	GND -----	Black
Shell -----	GND -----	GND -----	Drain Wire

RoHS compliant

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	Name	Title	Approval Date	2012	Date	Name	Material: See Notes	
				Draw.	Oct. 09	Vincent Ke	Title: IP67 USB Receptacle Assembly Kit with USB 2.0 Type A Female PCB Version	
				Appd.	Oct. 09	J. Chaudry		
				Norm				
1 x b			Ä21-04.26	25.10.2021	Bub	Drawing No.: 17K1A300		DIN A3
a			Original			Part No.: SEE PART NUMBER TABLE		Sheet 1/1
Rev.			Changes	Date	Name			

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