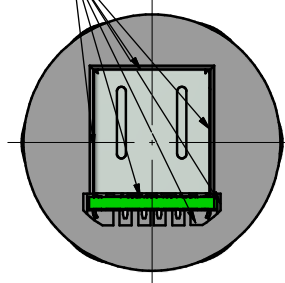


Sealed with Sealing Compound, provides IP67 even when uncovered



Notes:

- 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
- Material and Finish:
 - Receptacle Housing: Polyester, UL94 V-0 (Black), 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
- Maximum panel thickness of 3.2 mm
- Recommended Mounting Panel Nut torque is 20 to 25 lb-inch

Pin to typical USB Cable Wiring Assignment

Type A F	PCB	Signal Name	USB Cable
Pin1	P1	VBUS	Red
Pin2	P2	D-	White
Pin3	P3	D+	Green
Pin4	P4	GND	Black
Shell	GND	GND	Drain Wire

RoHS Compliant

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	Name	Title	Approval Date		0 PLC ± 0.50	Material: See Notes
				1 PLC ± 0.38		
				2 PLC ± 0.25	Title: Potted IP67 Dual Port USB Receptacle Assembly Kit with dual USB 2.0 Type A F to PCB	
			3 PLC ± 0.10	Autodesk Inventor 2017 Date Name Draw. May 09 Vincent Ke Appd. May 09 Thomas Koch	Drawing No.: 17K1A631	DIN A3
			ANGLES ± 7	Norm	Part No.: 17-210561	Sheet 1/1
			D-old			
	a	original		CONEC		
Rev.	Changes	Date	Name			