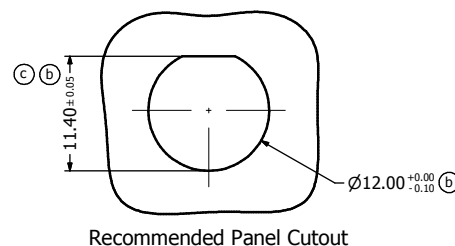
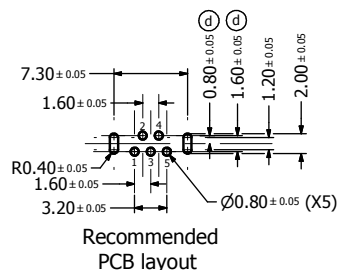


**Notes:**

- Electrical Specifications:
  - Meets USB 2.0 Specification
  - Contact Resistance: 50 mOhm max.
  - Insulation Resistance: 1000 MOhm min. @ 100 VDC
  - Current Rating: 1 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 (Black), UL94 V-0
  - Protective Cover: Polyester (Black), UL94 V-0
  - Panel Nut: Brass, Finish: Nickel Plated
  - Panel Gasket: Silicone, Color: Transparent
  - Cover Gasket: Silicone, Color: White
  - Tether: Polycarbonate, Black
  - mini USB Metal Shell: Copper Alloy
  - mini USB Insulator: PBT UL94 V-0, Color: Black
  - mini USB Contacts: Copper Alloy
  - Finish: 30 u" Gold min. over Nickel in mating area  
Tin over Nickel on soldering tails
- maximum panel thickness: 3.2 mm.
- IP67 rated when covered or fully mated with appropriate mating connector



Recommended Panel Cutout



Recommended PCB layout

Directive 2002/95/EC RoHS Compliant

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION.	Customer:			Tolerance Unless otherwise specified 0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3°		Scale:	Dim. in mm	
	Name	Title	Approval Date			Material: See Notes		
	d	2 x d	Mar/21/2014			Vincent Ke	Title: IP67 mini USB Receptacle + Dust Cap Assembly kit with mini USB Type B Through Hole Version	
	c	1 x c	Nov/01/2011			Vincent ke	Drawing No.: 17K1A139	
b	2 x b	Jul/22/2011	Vincent ke	Part No.: 17-250021		DIN A3		
a	original			Sheet 1/1				
Rev.	Changes	Date	Name					