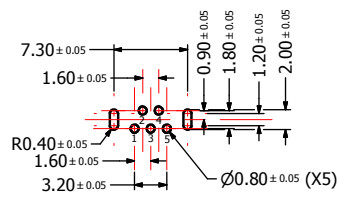


Recommended Panel Cutout



Recommended PCB layout

- 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

Directive 2002/95/EC RoHS Compliant

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	Name	Title	Approval Date			Autodesk Inventor	Material: See Notes	
				2011	Date	Name	Title: IP67 mini USB Receptacle + Dust Cap Assembly kit with mini USB Type B Through Hole Version	
				Draw.	May 05	Vincent Ke		
			Appd.	May 05	J. Chaudry			
						Drawing No.: 17K1A139		
						Part No.: 17-250021		
						DIN A3		
						Sheet 1/1		

