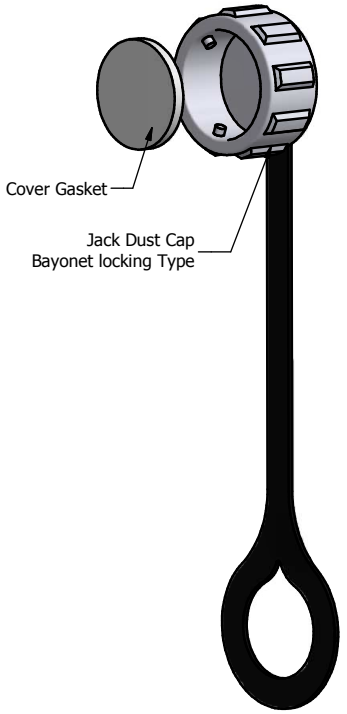
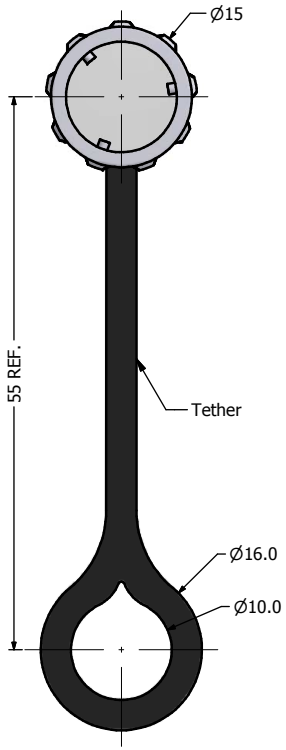
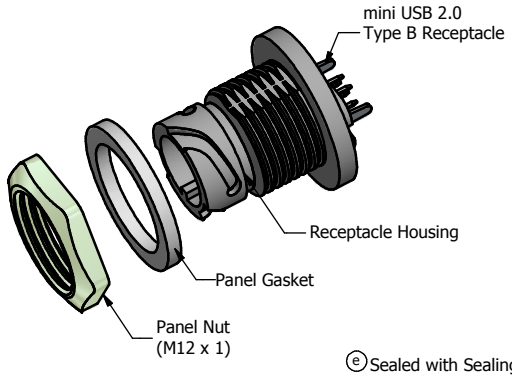
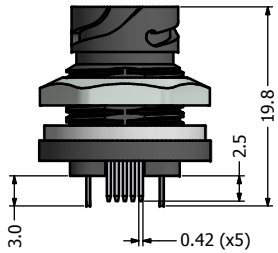
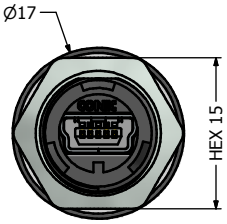


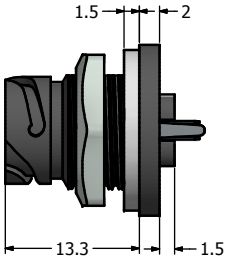

ISO View

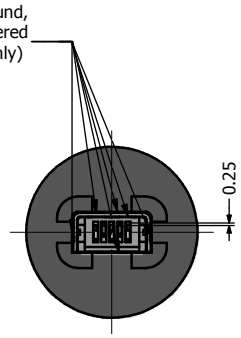


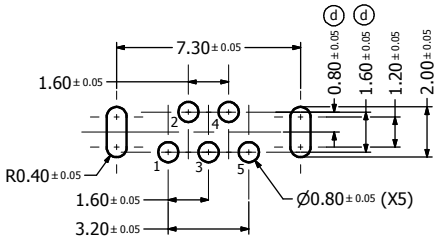



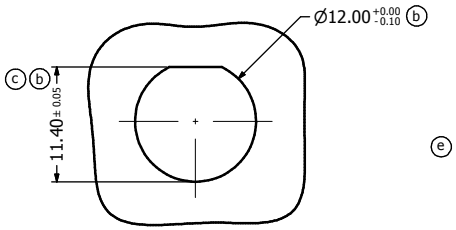




## Notes:

1. 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
2. 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
3. maximum panel thickness: 3.2 mm.
4. IP67 rated when covered or fully mated with appropriate mating connector




Recommended PCB Layout (5:1)




Recommended Panel Cutout (2:1)

ⓔ

| Description | Part Number |
|---|---|
| Unpotted Version | 17-250021 |
| Potted Version | 17-250111 |

RoHS Compliant

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY OR MADE AVAILABLE TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION.

DOT NOT ALTER CAD DRAWING BY HAND

Customer:

| Name | Title | Approval Date |
|---|---|---|
| | | |

| Rev. | Changes | Date | Name |
|---|---|---|---|
| e | 2 x e | Nov/11/2015 | Vincent Ke |
| d | 2 x d | Mar/21/2014 | Vincent Ke |
| c | 1 x c | Nov/01/2011 | Vincent ke |
| b | 2 x b | Jul/22/2011 | Vincent ke |
| a | original | | |

Tolerance
Unless otherwise specified
0 PLC ± 0.50
1 PLC ± 0.38
2 PLC ± 0.25
3 PLC ± 0.10
ANGLES ± 3˚

Autodesk Inventor

| 2011 | Date | Name |
|---|---|---|
| Draw. | May 05 | Vincent Ke |
| Appd. | May 05 | J. Chaudry |
| Norm | | |
| D-old | | |

CONEC®

Scale: | Dim. in mm

Material: See Notes

Title: IP67 mini USB Receptacle + Dust Cap Assembly kit with mini USB Type B Through Hole Version

Drawing No.: 17K1A139 | DIN A3

Part No.: SEE PART NUMBER TABLE | Sheet 1/1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

CONEC:
17-250021