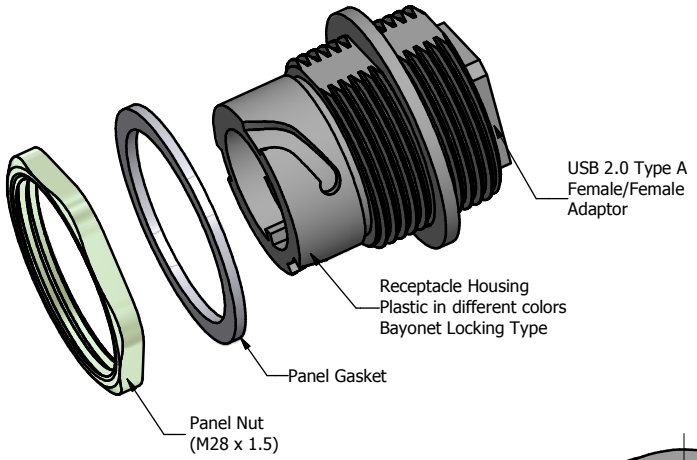
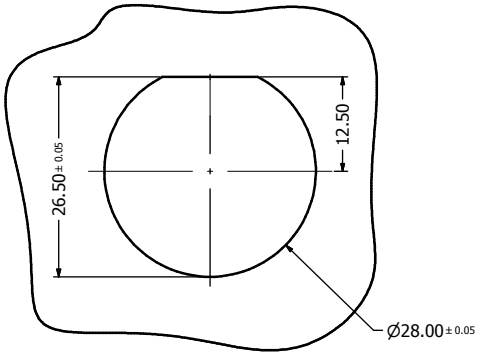
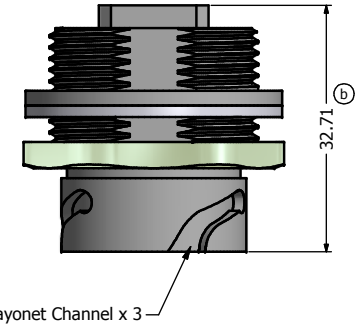
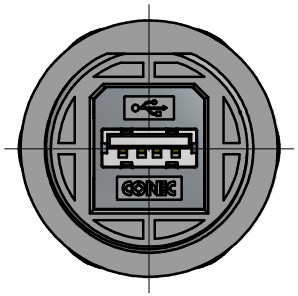
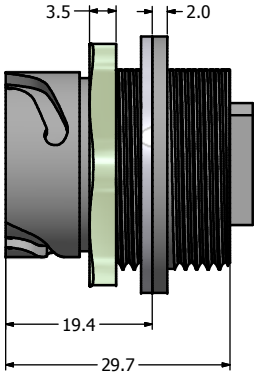


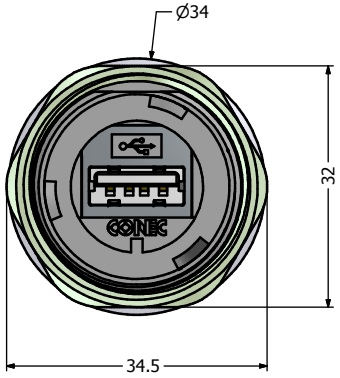


Recommended Panel Cutout









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, UL94 V-0, Color: see P/N Table
   - Panel Nut: Brass, Finish: Nickel Plated
   - Panel Gasket: Silicon, Color: White
   - USB Adaptor Insulator: PBT, UL94 V-0, Black
   - USB Adaptor Metal Shell: Copper Alloy, Nickel Plated
   - USB Adaptor Overmold material: PBT UL94 V-0, Color: Black
   - USB Contacts: Copper Alloy, Finish: 30 u" Gold min. over Nickel
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 appropriated mating connector

Directive 2002/95/EC RoHS Compliant

Pin-Assignment

Type A F	Type A F
Pin1	Pin1
Pin2	Pin2
Pin3	Pin3
Pin4	Pin4
Shell	Shell

Description	Colored Plastic Receptacle Housing with USB 2.0 Type A F/F Adaptor					
Plastic Receptacle Housing Color	Black	Blue	Green	Yellow	Red	White
Part Number	17-200001	17-200901	17-200911	17-200921	17-200931	17-200941

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY OR USED FOR ANY PURPOSE OTHER THAN ITS INTENDED USE WITHOUT THE WRITTEN PERMISSION OF THE COPYRIGHT OWNER. ANY INFRINGEMENT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.
DO NOT ALTER CAD DRAWING BY HAND

Customer:

Name	Title	Approval Date

Rev.	Changes	Date	Name
b	1 x b	May/15/2013	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

	Date	Name
2011		
Draw.	Nov. 03	Vincent Ke
Appd.	Nov. 03	J. Chaudry
Norm		
D-old		

CONEC®

Scale:
Dim. in mm
Material: See Notes

Title:
IP67 USB
Receptacle Assembly Kit
with USB 2.0 Type A F/ F Adaptor

Drawing No.: 17K1A301
DIN A3

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

CONEC Elektronische Bauelemente:

165X12969X 165X16769X 15-004690 15-007633 165X02609X 320X12509X 3007W2SCT56N40X 3005W5SXX99A10X 42-00009 43-01004 42-10014 43-00116 43-01000 3007W2PCM99A10X 15-000603 15-006343 16-002143 164A10029X 3008W8SXX99G40X 15-004730 17-210161 3017W2PAM99A10X 43-01853 43-10337 15-007623 42-01229 42-10060 302A10069X 43-00417 43-00421