



**Notes:**

- Electrical Specifications:
  - Meets USB 3.0 specifications
  - Low level Contact Resistance:
    - 30 mOhm max for VBUS and GND Contacts
    - 50 mOhm max for all other contacts
  - Insulation Resistance 1000 MOhm min.
  - Current Rating: 2A max. @ 25°C
  - DWV: 500V AC/60s Pin to Pin; 1000V AC/60s Pin to shell
  - Operating Temperature: -40°C to +85°C
- Material and Finish:
  - Receptacle Housing and Cover: Polyester, UL94 V-0, Color: see P/N Table or ABS, Nickel Plated, UL94 V-0
  - Panel Nut: Brass, Finish: Nickel Plated
  - Panel and Cover Gasket: Silicon, Color: White
  - Tether: Polycarbonate, Color: Black
  - USB Plastic Housing: PBT + 15%GF, UL 94V-0, Color: Black
  - USB Contact Insulator: High Temperature PBT + GF, UL 94V-0, Color: Blue (Pantone 300C)
  - USB Metal Shell: SUS201 with 50u" min. Nickel plating all over
  - USB Contact Material: Copper Alloy
  - USB Contact Finish: 30u" min. Au over 50u" min. Nickel
- Connector can be front or rear mounted to a maximum panel thickness of 3.2 mm.
- IP67 & IP68 rated when covered or fully mated with the appropriated mating connector

**Pin-Assignment**

Type A F	Type A F
Pin1 -----	Pin1
Pin2 -----	Pin2
Pin3 -----	Pin3
Pin4 -----	Pin4
Pin5 -----	Pin8
Pin6 -----	Pin9
Pin7 -----	Pin7
Pin8 -----	Pin5
Pin9 -----	Pin6
Shell -----	Shell

Recommended Panel Cutout

Description	Colored Plastic Receptacle Housing with USB 3.0 Type A F/F Adaptor with Black Plastic Cover Assembly						Metallized Version with Cover
	Black	Blue	Green	Yellow	Red	White	Nickel Plated
Part Number	17-241001	17-241011	17-241021	17-241031	17-241041	17-241051	17-241061

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER BY ANY PARTY WITHOUT THE WRITTEN PERMISSION AND COPYRIGHT OF CONEC CORPORATION	Customer:			Tolerance Unless otherwise specified			Scale:	Dim. in mm
	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor	Material: See Notes
				2 PLC ±0.25	3 PLC ±0.10	2016 Date Name Draw. Mar. 03 Vincent Ke Appd. Mar. 03 Thomas Koch Norm D-old	Title: IP67 & IP68 USB3.0 Receptacle + Cover Assembly Kit with USB 3.0 Type A F/ F Adaptor	
	1 x b	A21-04.26	08.11.2021	Bub			Drawing No.: 17K1A558	DIN A3
	a	original					Part No.: SEE PART NUMBER TABLE	Sheet 1/1

RoHS compliant

