



Notes:

- 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: Metallized ABS (Nickel Plated), UL94 V-0
- 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

Pin-Assignment

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

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 DO NOT ALTER CAD DRAWING BY HAND	Customer:			Tolerance Unless otherwise specified			Scale:	Dim. in mm	
	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		2 PLC ±0.25	3 PLC ±0.10	ANGLES ±7
	f	1 x f	May/15/2013	Vincent Ke	2008	Date	Name	Material: See Notes	
	e	1 x e	Nov/03/2011	Vincent Ke	Draw.	Sept. 09	Vincent Ke	Title: IP67 USB Receptacle Assembly Kit with USB 2.0 Type A F/ F Adaptor	
d	1 x d	Mar/08/2011	Vincent Ke	Appd.	Sept. 09	J. Chaudry	Drawing No.: 39K1A361		
c	2 x c	Mar/18/2010	Vincent Ke	Norm			Part No.: 17-200011		
b	1 x b	Jun/01/2009	Vincent ke	D-old			DIN A3		
a	original						Sheet 1/1		
Rev.	Changes	Date	Name						