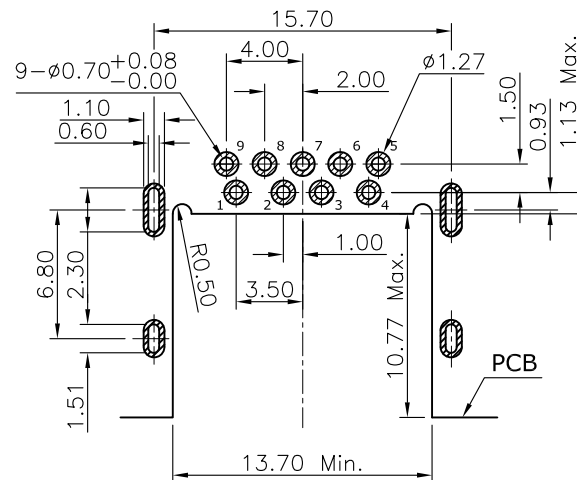
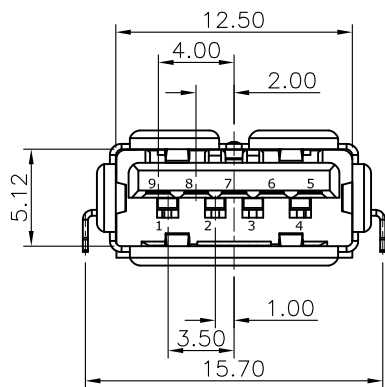


Pin Assignments	
Pin No.	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	Willis	2010/03/29
2	New attend logo, frame	Willis	2012/08/03
3	Corrected BOM	Fros	2018/03/28


SPECIFICATION:

- ELECTRICAL**
 - Current Rating: 1.8A for Vbus & GND, 0.25A for others
 - Voltage Rating: 3.3VAC
 - Contact Resistance:
 - 30mΩ for Vbus & GND, 50mΩ for others
 - Insulation Resistance: 100MΩ at 250VDC
 - Dielectric Withstanding Voltage: 100VAC/ minute
- MECHANICAL**
 - Durability: 5000 Cycle
 - Insertion Force: 35N max.
 - Extraction Force: 10N min.
- ENVIRONMENTAL**
 - Operating temperature range: -20°C~+85°C
 - Storage temperature range: -20°C~+85°C
- SOLDER ABILITY**
 - Recommended IR Reflow(Wave Soldering) Temperature: 260°C



Recommended Layout (top mount)
general tolerance: ±0.05

4	SHELL	SPCC KU570, Nickel plating
3	CONTACT 3.0	C2680, contact area: 30u" gold solder area: Tin , under plating: Nickel
2	CONTACT 2.0	C5210, contact area: 30u" Pb-Ni + 2u" gold solder area: Tin , under plating: Nickel
1	INSULATOR	PA9T, UL94V-0, blue
NO.	PART NAME	DESCRIPTION

UNLESS OTHERWISE SPECIFIED TOLERANCE					
UNIT:	DECIMAL	LINEAR			ANGLES
mm	X.	±0.50	±5°		
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
DRAWN		Fros	2017/01/17	DRAWN NAME: USB 3.0 A Receptacle Middle Board Mount DIP Type	
CHECKED		Tim	2017/01/17	PRODUCT NO. 209B-DG02	
APPROVED		Ken	2017/01/17	FILE NAME 209B-DG02_B_3	
SCALE	SHEET	SIZE	FILE NAME		
1/1	1/1	A4	209B-DG02_B_3		