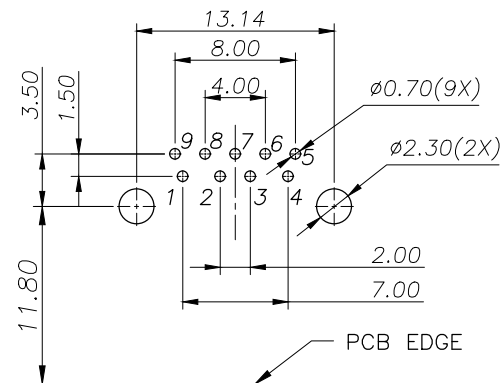
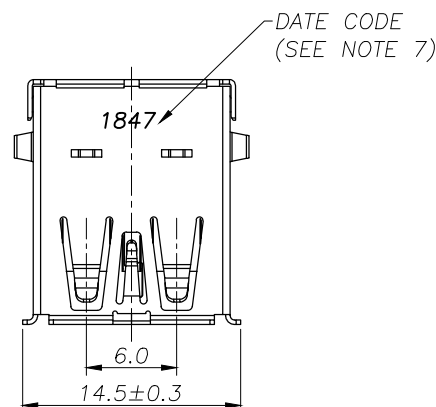
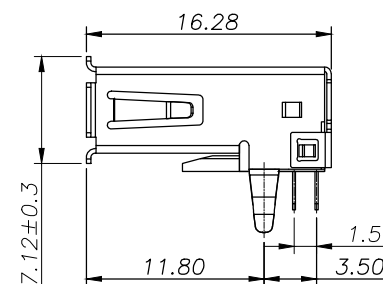
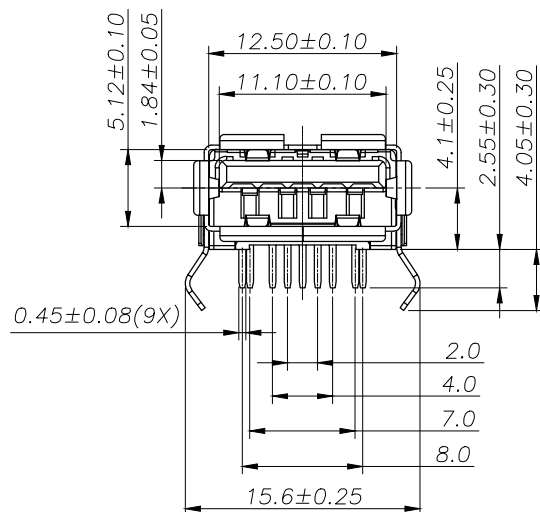


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	--	NEW DRAWING	2018.11.22	P.J.F



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 2.0±0.10mm;DEFAULT TOLERANCE:±0.05



NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING:THERMOPLASTIC(PBT), BLACK,UL94 V-0.
- 1-2.COVER:THERMOPLASTIC(PBT), BLACK,UL94 V-0.
- 1-3. 4 PIN CONTACTS: COPPER ALLOY.
- 1-4. 5 PIN CONTACTS: COPPER ALLOY.
- 1-5.FRONT SHELL: STAINLESS STEEL.

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au 15u"PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- 100u" MIN MATTE TIN PLATED ON SOLDER AREA.

2-2.FRONT SHELL:

- 30u" MIN MATTE TIN PLATED ON SOLDER AREA.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 3.5kgf MAX
- 3-2.REMOVAL FORCE: 1.0kgf MIN
- 3-3.DURABILITY: 1500 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1.INSULATION RESISTANCE: 100MΩ MIN
- 4-2.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5.RoHS COMPLIANT.

6.WAVE SOLDER:

- THE CONNECTOR SHALL BE MOUNTED ON THE PCB. THE TEMPERATURE OF THE SOLDER SHALL BE 180±5° AND IMMERSION DURATION 10 SECONDS.

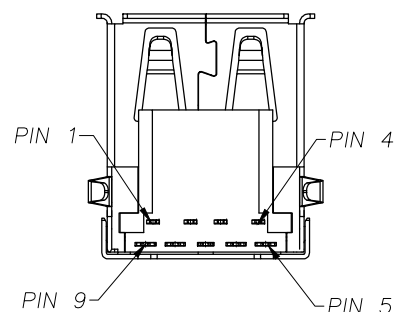
7.DATE CODE: 18 47

WEEK;47 SHOW 47

YEAR;2018 SHOW 18

PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB 2.0 DIFFERENTIAL PAIR
3	D+	
4	GND	GROUND FOR POWER RETURN
5	StdA-SSR-	SUPER-SPEED RECEIVER DIFFERENTIAL PAIR
6	StdA-SSR+	
7	GND-DRAIN	GROUND FOR SIGNAL RETURN
8	StdA-SST-	SUPER-SPEED TRANSMITTER DIFFERENTIAL PAIR
9	StdA-SST+	
SHELL	SHIELD	CONNECTOR METAL SHELL



DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°
DESIGN:	P.J.F	2018.11.22	
CHECK:			
APPROVED			

JOINSOO建舜電子

FILE:	DRAW NAME:
DRAW NO.	USB 3.0 A/F DIP 90°
P/N:12HU-301G-A814BR	
UNIT: mm	SCALE: 1:1
REV: 01	SHEET: 1/2
MODEL:	