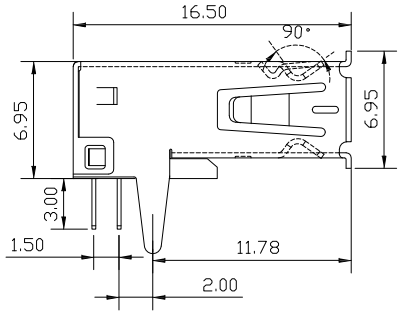
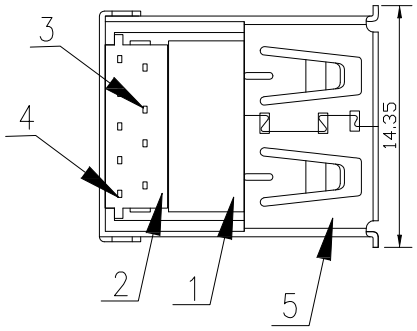
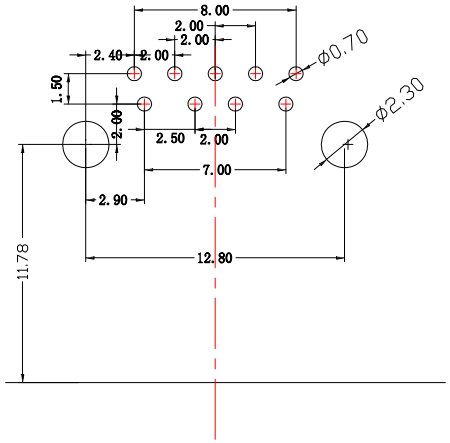
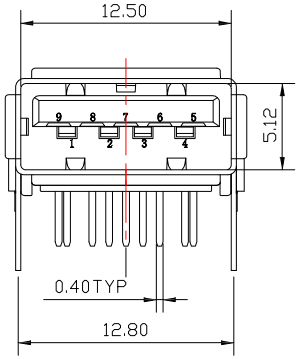



RECOMMENDED PCB LAYOUT




| Pin Number | Signal Name |
|---|---|
| 1 | VBUS |
| 2 | D- |
| 3 | D+ |
| 4 | GND |
| 5 | SSRX- |
| 6 | SSRX+ |
| 7 | GND |
| 8 | SSTX- |
| 9 | SSRT+ |
| Shell | Shield |

RoHS Compliant

# SUA-110H2-30x-S277

鍍層厚度 :

| |
|---|
| Blank : 1u" |
| 2 : 15u" |
| 3 : 30u" |

NOTE:

1.MATERIAL:

1.1 Housing: PBT,(UL94V-0)

1.2 Contact: Phosphor Bronze

1.3 Shell: Brass

1.4 Cover: PBT

2.Finish:

2.1 Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall

2.2 Shell: Nickel under Plated surface layer

3.SPECIFICATION:

3.1 Current Rate: 1.8 Amperes for pin 1& pin4
0.25 Amperes other contacts

3.2 insulator Resistance:100MΩ Min

3.3 Dielectric Strength: 100V AC

3.4 Contact Resistance: 30mΩ Max for pin 1& pin4
50mΩ Max for other contacts

3.5 Operation Temperature: -55°C ~ +85°C

3.6 Insertion Force: 35 N

3.7 Extraction Force: 10 N

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3°

3RD. ANGEL'S | UNITS MM

| | | | |
|---|---|---|---|
| DRAWN BY: Jack Lu | DATE 06/13/14 | MAT'L | |
| CHECKED BY: Jacky Chen | DATE 06/13/14 | FINISH | |
| APPROVED BY: Tony Kao | DATE 06/13/14 | SCALE 1 : 1 | SHEET NO. 1 of 1 |

| | | | |
|---|---|---|---|
| TITLE | CONNECTOR | | |
| MODLE | USB 3.0 A/F 90 度 DIP 直腳 | | |
| DWG NO. | SUA-110H2-30x-S277 | SIZE | A4 |
| PART NO. | SUA-110H2-30x-S277 | VER | R |