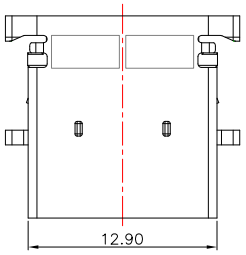
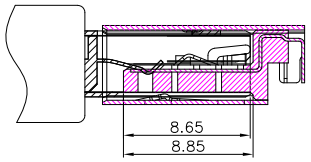
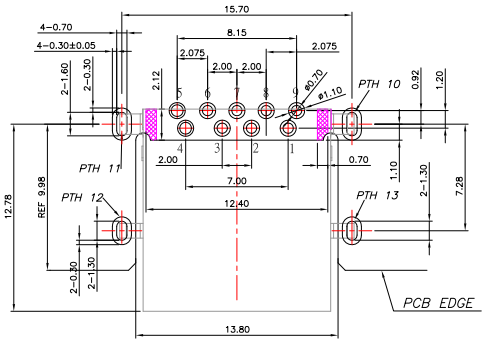
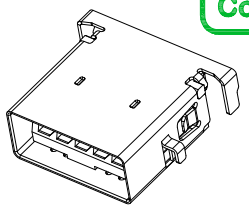



CONNECTOR MATEING




RECOMMENDED PCB LAYOUT



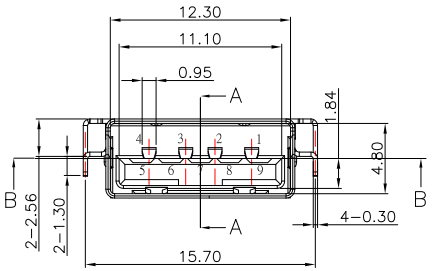
# SUA-110E5-30xx-S277

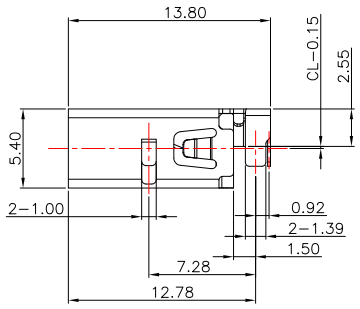
鍍層厚度 :

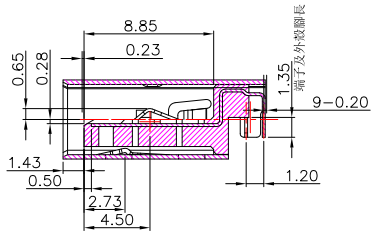
| |
|---|
| Blank : 1u" |
| 2 : 15u" |
| 3 : 30u" |

HOUSING :

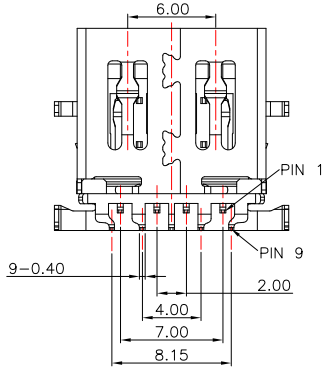
| |
|---|
| Blank : LCP,Blue |
| K : LCP,BLack |
| GR : PBT,Green |



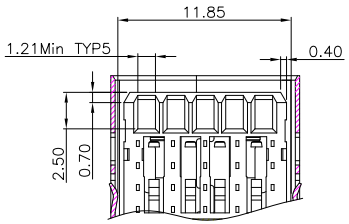




SECTION A-A




(BOTTOM VIEW)




SECTION B-B

| Pin # | SIGNAL NAME | DESCRIPTION | MATING SEQUENCE |
|---|---|---|---|
| 1 | VBUS | POWER | SECOND |
| 2 | D- | USB 2.0 DIFFERENTIAL PAIR | THIRD |
| 3 | D+ | | |
| 4 | GND | GROUND FOR POWER RETURN | SECOND |
| 5 | StdA_SSRX- | SUPERSPEED RECEIVER DIFFERENTIAL PAIR | LAST |
| 6 | StdA_SSRX+ | | |
| 7 | GND_DRAIN | GROUND FOR SIGNAL RETURN | |
| 8 | StdA_SSTX- | SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR | |
| 9 | StdA_SSTX+ | | |
| Shell | Shield | CONNECTOR METAL SHELL | FRIST |

NOTE:

1.MATERIAL:

1.1 Housing: Plastic,(UL94V-0)

1.2 Contact: Phosphor Bronze

1.3 Shell: SUS

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 Rate: 30V DC , 1.5 A

3.2 insulator Resistance:100MΩ Min

3.3 Dielectric Strength: 500V AC

3.4 Contact Resistance: 30mΩ Max

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 |
|---|---|---|---|
| 4 | 新增尺寸標註 | Jack | 081920 |
| 3 | 新增PCB LAYOUT尺寸標註 | Lan | 041819 |
| 2 | 新增顏色及材質選項 | Jack | 042817 |
| 1 | 更新PCB LAYOUT尺寸 | Jack | 012017 |

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 08/19/20 | MAT'L | |
| CHECKED BY: Jacky Chen | DATE 08/19/20 | FINISH | |
| APPROVED BY: Tony Kao | DATE 08/19/20 | SCALE 1 : 1 | SHEET NO. 1 of 1 |

| | | | |
|---|---|---|---|
| TITLE | CONNECTOR | | |
| MODLE | USB A/F 3.0 DIP 沉板 , 板上H:2.56mm , 無捲邊反向 | | |
| DWG NO. | SUA-110E5-30xx-S277 | SIZE | A4 |
| PART NO. | SUA-110E5-30xx-S277 | VER | R4 |