



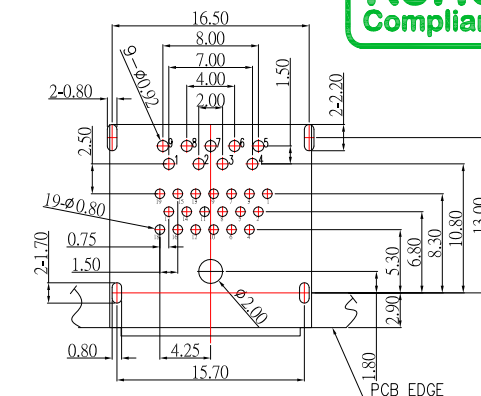
# U3HD-01x2x0xx-S373

INSULATOR MATERIALS  
A: UPPER-PBT, LOWER-LCP

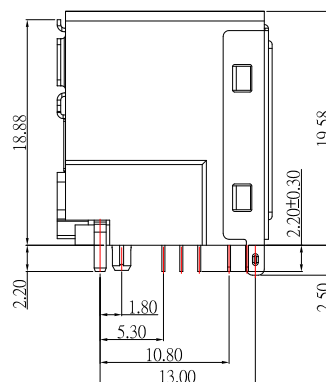
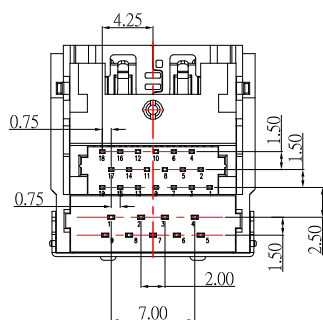
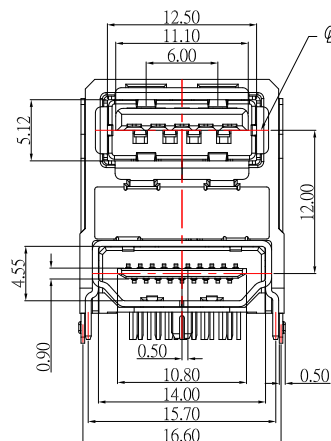
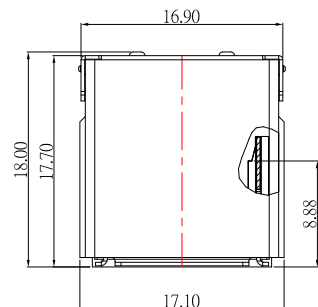
COLOR STYLE  
1: ALL BLACK

HDMI HOUSING CONSTRUCTION  
2: WITH POLES

HDMI-SHELL FINISH  
2: NICKEL



P.C.B LAYOUT MOUNTING PATTERN



## SPECIFICATIONS

- USB
  - 1.1 Voltage: 250 VAC(RMS) Max.
  - 1.2 Current Rating: 1.5 Ampere per Pontact
  - 1.3 Contact Resistance: 25 Milliohms Max.
  - 1.4 Insulation Resistance: 1000 Megohms Min.
  - 1.5 Dielectric Withstanding Voltage: 500 VAC(RMS)
  - 1.6 Total Mating Force: 3.57 Kgf Max.
  - 1.7 Total Unmating Force: 1.02 Kgf Min.
  - 1.8 Operating Temperature: -55°C to +85°C
- HDMI
  - 2.1 Voltage: 40 VAC(RMS) Max.
  - 2.2 Current Rating: 0.5 Ampere per Contact
  - 2.3 Contact Resistance: 30 Milliohms Max.
  - 2.4 Insulation Resistance: 100 Megohms Min.
  - 2.5 Dielectric Withstanding Voltage: 500V DC(RMS)
  - 2.6 Total Mating Force: 4.5 Kgf Max.
  - 2.7 Total Unmating Force: 1.0 Kgf Min.
  - 2.8 Operating Temperature: -55°C to +85°C

## NOTES

- MATERIAL:
  - Housing(USB):PBT,Color:Black.
  - Housing(HDMI):LCP,Color:Black.
  - Terminal:Brass.
  - Shell(USB):SK5.
  - Shell(HDMI):SK5.
  - Shield:SPCC.
  - Grounding:Stainless Steel.
- FINISH:
  - Terminal:Gold Plated over Nickel at Conatct Area.
  - Tin Plated over Nickel at Solder Area.
  - Shell(USB):Nickel Plated.
  - Shell(HDMI):Nickel Plated.
  - Shield:Nickel Plated.

 **广东科斯达电子科技有限公司**  
GUANG DONG KE SI DA ELECTRONIC TECHNOLOGY CO., LTD.

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:    | DATE     | MAT'L     |        | TITLE    | CONNECTOR            |
| Jack Lu      | 05/12/22 |           |        |          |                      |
| CHECKED BY:  | DATE     | FINISH    |        | MODLE    | 單層USB 3.0 AF+HDMI AF |
| Jacky Chen   | 05/12/22 |           |        |          |                      |
| APPROVED BY: | DATE     | SCALE     | 1 : 1  | DWG NO.  | U3HD-01x2x0xx-S373   |
| Tony Kao     | 05/12/22 | SHEET NO. | 1 of 1 | PART NO. | U3HD-01x2x0xx-S373   |
|              |          |           |        |          | SIZE<br>A4           |
|              |          |           |        |          | VER<br>R1            |

|          |             |       |        |
|----------|-------------|-------|--------|
| 1        | 更新材質        | Jack  | 051222 |
| ITEM NO. | DESCRIPTION | DRAWN | DATE   |