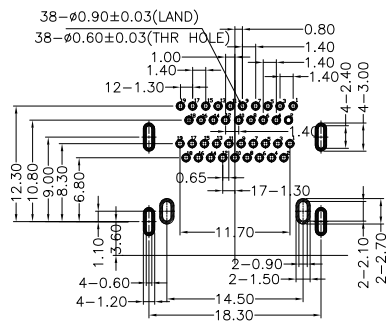
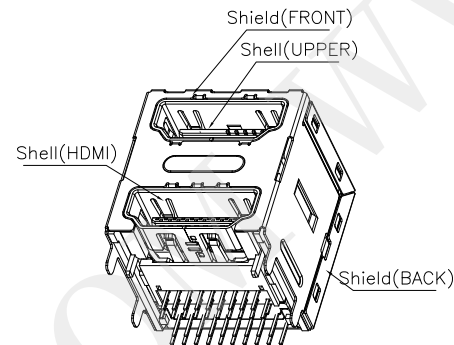
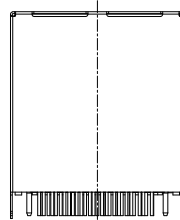
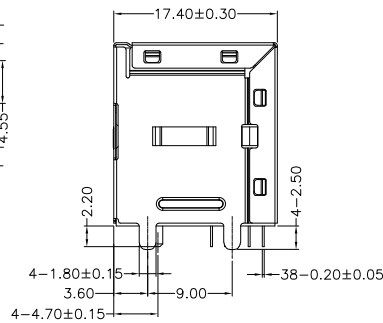
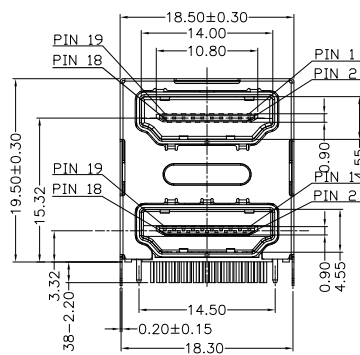
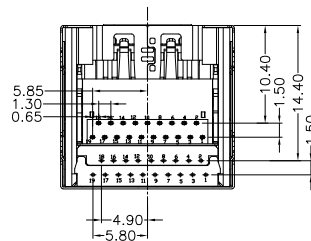
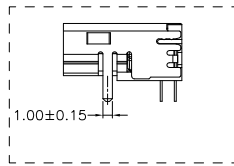
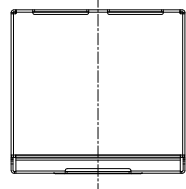




RECOMMENDED P.C.B. LAYOUT(TOP VIEW)

TOL IS ±0.05 THICKNESS=1.6 ALL POSITION TOL  $\phi 10.06 \times 1.7$ 

INSPECTION DIMENSION:(A)~(D)

## SPECIFICATIONS

- HDMI
- 1.1 Voltage: 40 VAC(RMS) Max.
- 1.2 Current Rating: 0.5 Ampere per Contact
- 1.3 Contact Resistance: 30 Milliohms Max.
- 1.4 Insulation Resistance: 100 Megohms Min.
- 1.5 Dielectric Withstanding Voltage:  
Unmated connectors, apply: 500Volts AC (RMS)  
Mated connectors, apply: 300Volts AC (RMS)
- 1.6 Total Mating Force: 4.5 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -40°C to +85°C
- 1.9 Support HDMI 2.1a version

## NOTES

## 1. MATERIAL:

Housing: LCP Halogen-free, UL 94V-0, Color: Black.  
Molding: LCP Halogen-free, UL 94V-0, Color: Black.  
Terminal: Copper Alloy.  
Shell(UPPER): Steel-C2680.  
Shell(HDMI): Steel-C2680.  
Shield(FRONT): Stainless Steel.  
Shield(BACK): Stainless Steel.  
EMI SLICE : Stainless Steel.

## 2. FINISH:

Terminal: Selected Gold Plated in Contact Area,  
100u" MIN. Tin Plated in Solder Area,  
50u" MIN. Nickel Underplated Overall.  
Shell(UPPER): Solderable Nickel Plated 50u" MIN, Overall.  
Shell(HDMI): Solderable Nickel Plated 50u" MIN, Overall.  
Shield(FRONT): Solderable Nickel Plated 50u" MIN, Overall.  
3. This Product is RoHS & HALOGEN-FREE Compliance Product.

## PIN ASSIGNMENTS

| PIN NO.   | SIGNAL NAME       | PIN NO.   | SIGNAL NAME                  |
|-----------|-------------------|-----------|------------------------------|
| P1(P1')   | TMDS DATA2+       | P2(P2')   | TMDS DATA2 SHIELD            |
| P3(P3')   | TMDS DATA2-       | P4(P4')   | TMDS DATA1+                  |
| P5(P5')   | TMDS DATA1 SHIELD | P6(P6')   | TMDS DATA1-                  |
| P7(P7')   | TMDS DATA0+       | P8(P8')   | TMDS DATA0 SHIELD            |
| P9(P9')   | TMDS DATA0-       | P10(P10') | TMDS CLOCK+                  |
| P11(P11') | TMDS CLOCK SHIELD | P12(P12') | TMDS CLOCK-                  |
| P13(P13') | CEC               | P14(P14') | RESERVED<br>(N.C. ON DEVICE) |
| P15(P15') | SCL               | P16(P16') | SDA                          |
| P17(P17') | DDC/CEC GROUND    | P18(P18') | +5V POWER                    |
| P19(P19') | HOT PLUG DETECT   |           |                              |



深圳市华宇创精密电子有限公司

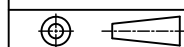
TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X' ±2" X.X" ±0.5"



UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

HDMI2.1+HDMI2.1 双层 针长2.2

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYC171-HDMI A38-220

APPROVED BY:

邱敏

DATE :

2014-02-23

DRAW NO:

HYC-2605111514

SHEET NO.

1 OF 1