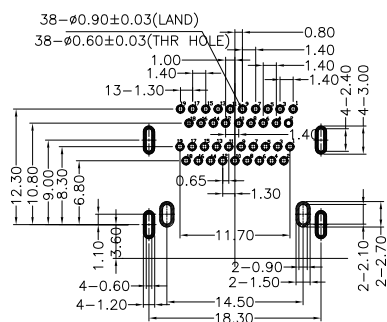
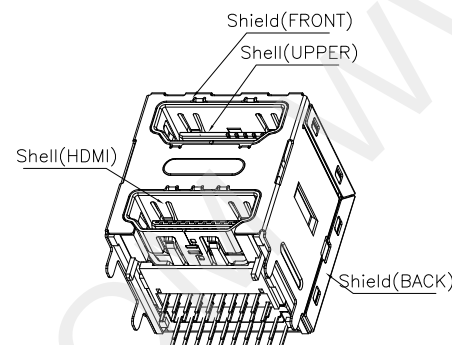
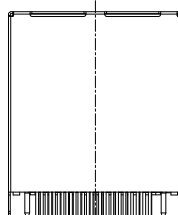
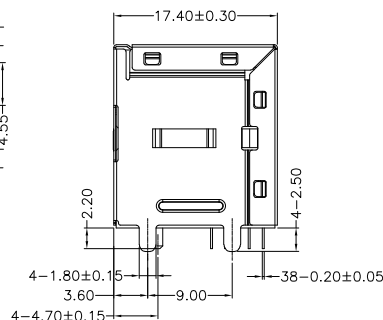
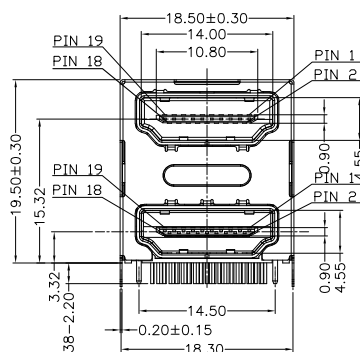
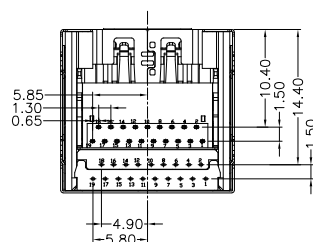
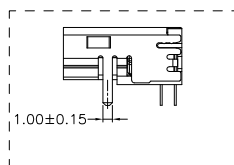
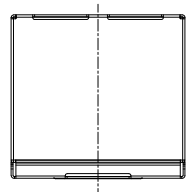




RECOMMENDED P.C.B. LAYOUT(TOP VIEW)

TOL IS ±0.05 THICKNESS=1.6 ALL POSITION TOL ± 0.05 X Y

INSPECTION DIMENSION:(A)~(D)

SPECIFICATIONS

- HDMI
- Voltage: 40 VAC(RMS) Max.
- Current Rating: 0.5 Ampere per Contact
- Contact Resistance: 30 Milliohms Max.
- Insulation Resistance: 100 Megohms Min.
- Dielectric Withstanding Voltage:
Unmated connectors, apply: 500 Volts AC (RMS)
Mated connectors, apply: 300 Volts AC (RMS)
- Total Mating Force: 4.5 Kgf Max.
- Total Unmating Force: 1.0 Kgf Min.
- Operating Temperature: -40°C to +85°C
- 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 (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"	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: HDMI2.1+HDMI2.1 双层 针长2.2
UNIT: mm [inch] SCALE:1:1 SIZE: A4	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