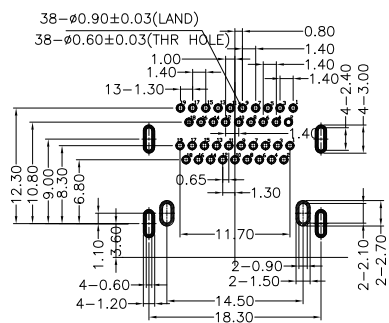
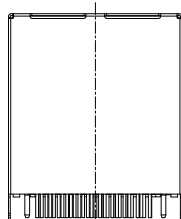
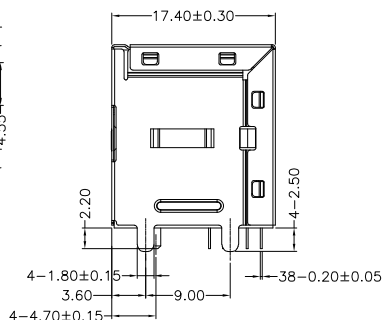
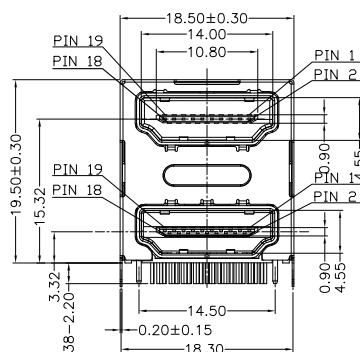
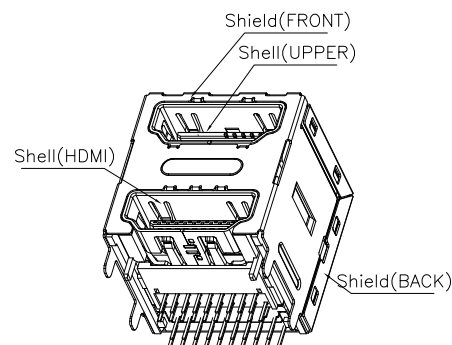
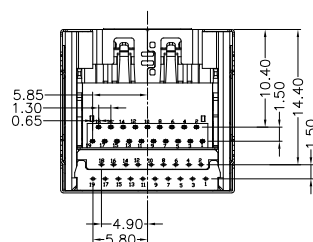
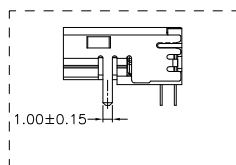
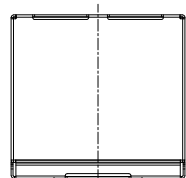
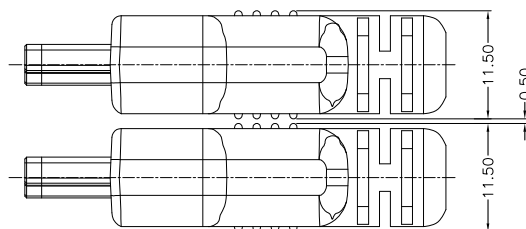
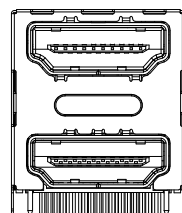




RECOMMENDED P.C.B. LAYOUT(TOP VIEW)

INSPECTION DIMENSION:(A)~(D)



SPECIFICATIONS

- 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 (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:		DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME:	
X.X ±0.30				HDMT2.1+HDMT2.1 双层 针长2.2	
X.XX ±0.25		CHECKED BY: 马跃	DATE : 2014-02-23	PART NO.	HYCW171-HDM1A38-220E
X.XXX ±0.15				MOLD NO.	
X: ±2°	X.X: ±0.5°	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO:	HYC-2605111514
				SHEET NO.	1 OF 1
UNIT: mm [inch]					
SCALE:1:1	SIZE: A4				