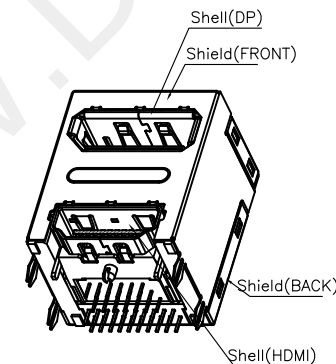
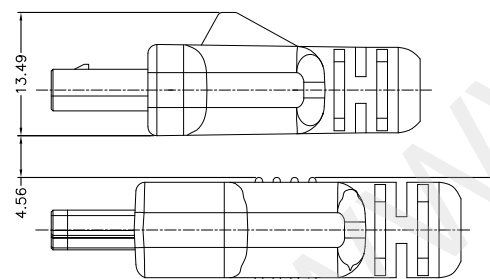
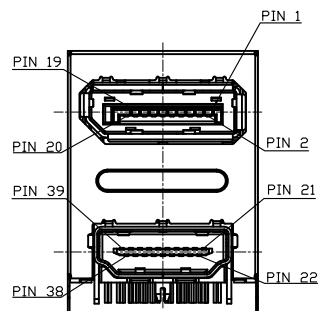
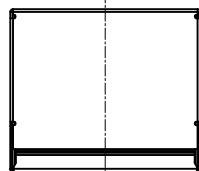
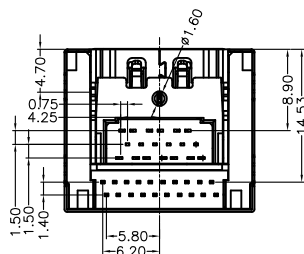




PLUG AND CONNECTOR MATED CONDITION

Remarks:

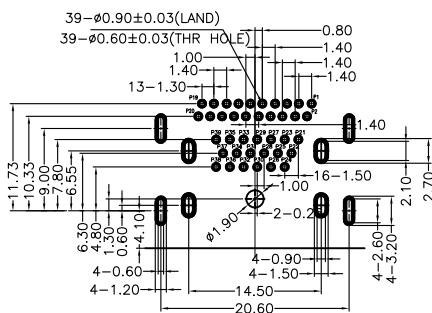
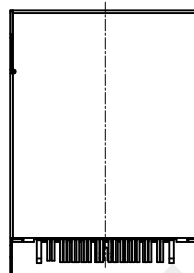
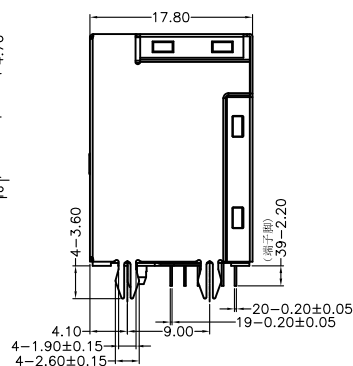
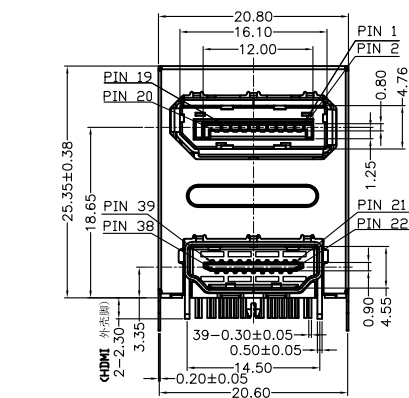
1. DP passes high frequency test 2.0
2. HDMI passes high frequency test 2.1

SPECIFICATIONS

1. Displayport
 - 1.1 Operation 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: 500 VAC(RMS)
 - 1.6 Total Mating Force: 4.0 Kgf Max.
 - 1.7 Total Unmating Force: 1.0 Kgf Min.
 - 1.8 Operating Temperature: -40°C to +85°C
2. HDMI
 - 2.1 Operation Voltage: 40 VAC(RMS) Max.
 - 2.2 Current Rating: 0.5 Ampere per Contact
 - 2.3 Contact Resistance: 10 Milliohms.
(Initial,Target design value).
 - 2.4 Insulation Resistance: 100 Megohms Min.
 - 2.5 Dielectric Withstanding Voltage: 500 VAC(RMS)
 - 2.6 Total Mating Force: 4.0 Kgf Max.
 - 2.7 Total Unmating Force: 1.0 Kgf Min.
 - 2.8 Operating Temperature: -40°C to +85°C

NOTES

1. MATERIAL:
Housing(DP):LCP E130I 30% G.F UL94V-0, Color:Black.
Housing(HDMI):LCP E130I 30% G.F UL94V-0, Color:Black.
Terminal:Brass C2680.
Shell(DP):Stainless Steel SUS304.
Shell(HDMI):Brass C2680.
Shield(FRONT):Stainless Steel SUS304.
Shield(BACK):Stainless Steel SUS201.
2. FINISH:
Terminal:Selected Gold Plated in Contact Area,
100u" MIN. Matte Tin Plated in Solder Area,
50u" MIN. Nickel Underplated Overall.
Shell(HDMI):Nickel Plated 80u" MIN.
Shield(FRONT):Weldable Nickel 50u" Plated All Over.
3. This Product is Halogen-Free Compliance Product.



RECOMMENDED P.C.B. LAYOUT (COMPONENT SIDE VIEW)
TOL IS ± 0.05 THICKNESS=1.6 ALL POSITION TOL $\begin{bmatrix} \oplus \\ 0.06 \end{bmatrix} \begin{bmatrix} X \\ Y \end{bmatrix}$

HDMI		DISPLAYPORT	
PIN NO.	PIN ASSIGNMENT	PIN NO.	PIN ASSIGNMENT
P21	TMDS DATA2+	P1	M_Lane 0(n)
P22	TMDS DATA2- SHIELD	P2	GND
P23	TMDS DATA2+ SHIELD	P3	M_Lane 0(n)
P24	TMDS DATA1+	P4	M_Lane 1(p)
P25	TMDS DATA1- SHIELD	P5	GND
P26	TMDS DATA1+ SHIELD	P6	M_Lane 1(p)
P27	TMDS DATA0+	P7	M_Lane 2(p)
P28	TMDS DATA0 SHIELD	P8	GND
P29	TMDS DATA0-	P9	M_Lane 2(p)
P30	TMDS G00K+	P10	M_Lane 3(n)
P31	TMDS G00K SHIELD	P11	GND
P32	TMDS G00K-	P12	M_Lane 3(n)
P33	CEC	P13	CONFIG1
P34	RESERVED (N.C. ON DEVICE)	P14	CONFIG2
P35	SDA	P15	AUX CH (p)
P36	SCL	P16	GND
P37	SDA	P17	AUX CH (n)
P38	DDC/CEC GROUND	P18	HOT PLUG DETECT
P39	+5V POWER	P19	RETURN
P39	UTM PLUG DETECT	P20	DE PWR



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	X.XX ±0.25			HDMI2.1 A TYPE + DP 有柱 H=18.65	
X.XXX ±0.15		CHECKED BY: 马跃	DATE : 2014-02-23	PART NO.	HYC195-2IN139-186
X: ±2° X.X° ±0.5°				MOLD NO.	
		APPROVED BY:	DATE :	DRAW NO:	HYC-2608270920
UNIT: mm [inch]				SHEET NO.	1 OF 1
SCALE: 1:1	SIZE: A4	邱敏	2014-02-23		