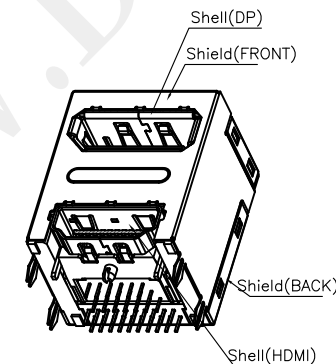
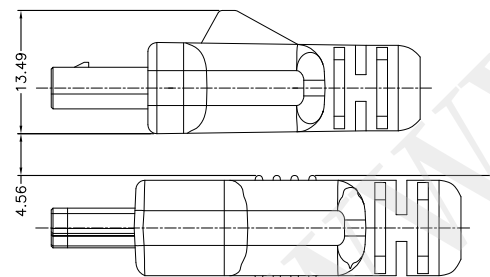
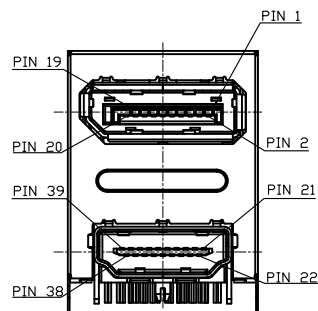
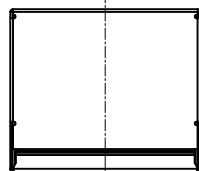
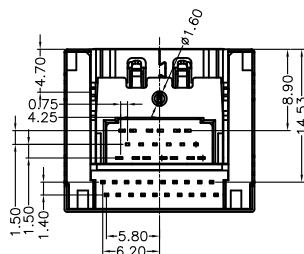
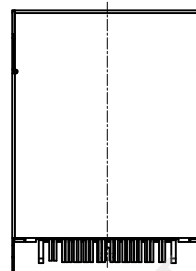
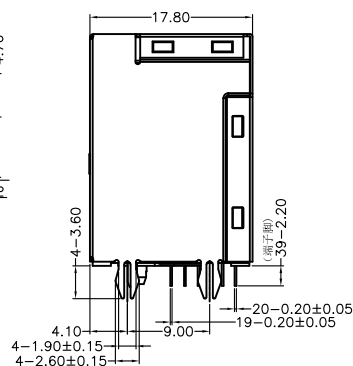
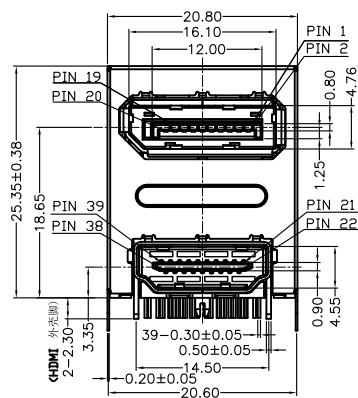




PLUG AND CONNECTOR MATED CONDITION



Remarks:

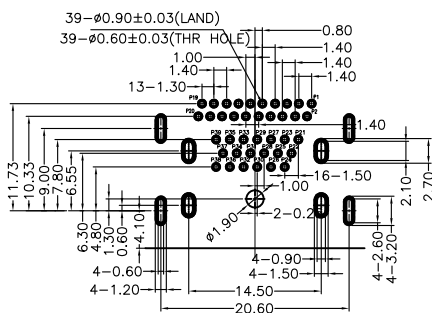
1. DP passes high frequency test 2.0
2. HDMI passes high frequency test 2.1

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)

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



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		