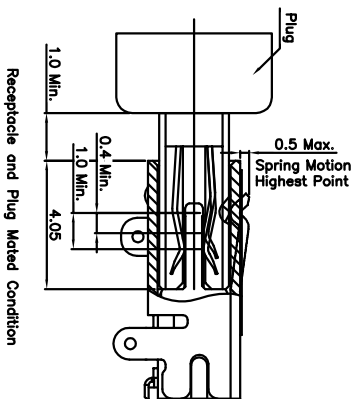
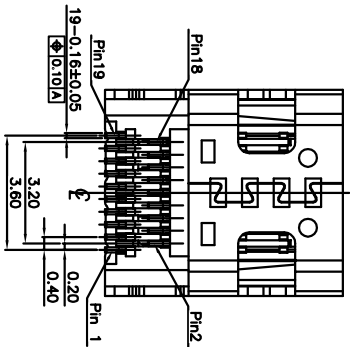
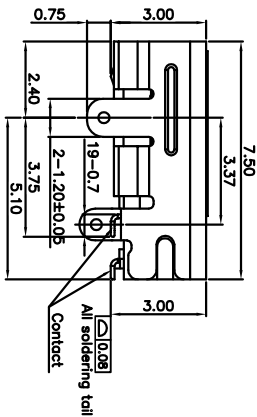
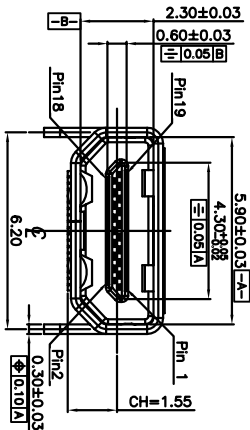
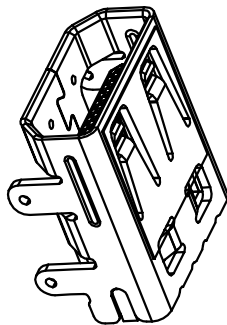
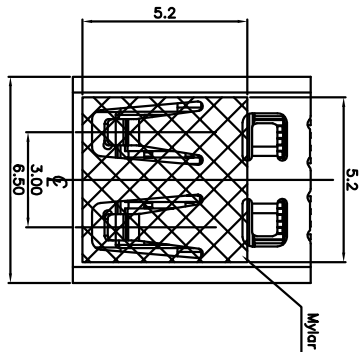
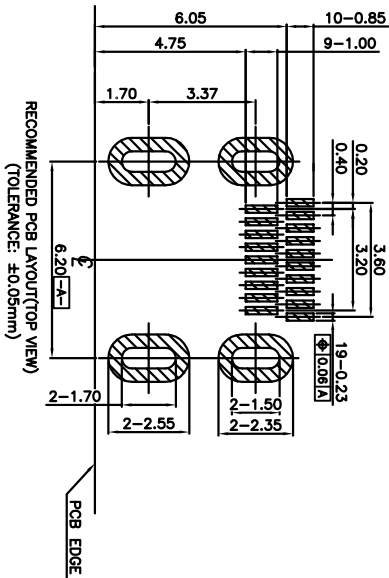


# CUSTOMER DRAWING



- Notes:
- Materials
    - Housing: LCP+30% G/F, Black, UL94 V-0;
    - Contact: Phosphor Copper (C5191), Gold Plating at mating area, Matte Tin or Au Plating at solder tail, all over Nickel;
    - Shell: Phosphor Copper (C5191);
  - Ratings
    - Current Rating: 0.3A ;
    - Operating Temperature: -40℃ ~ 85℃;
    - Electrical Requirement:
      - LLCR: Excluding Conductor Resistance 10mΩ Max (Target design value), Contact: 30mΩ Max. changed (Final), Shell: 50mΩ Max. Changed (Final);
      - Dielectric Withstanding Voltage: 150V AC (RMS) for 1 minute (Mated), 250V AC (RMS) for 1 minute (Unmated);
      - Insulation Resistance: 10MΩ Min. @ 150V DC (Mated), 100MΩ Min. @ 500V DC (Unmated);
    - Mechanical Performance:
      - Insertion force: 44.1N (4.5kgf) Max.;
      - Withdrawal force: 4.9~25N (0.5~2.5kgf);
      - Durability life: 5,000 Cycles;
      - IR Reflow: the peak temperature on board shall be maintained for 10 seconds at 260℃.



PIN	Signal Assignment
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SDL
18	SDA
19	+5V Power

UNIT	mm	DRAWN	Kysin Qin	2016/08/20	TITLE
GENERAL TOLERANCE	CHK.				HDMI Type D 19Pin,
DISTANCE	APPD.				板上型CH=1.55,双排SMT,外壳全插
X. ±0.30	MATERIAL				
X ±0.20	FINISH				
X.XX ±0.15					
.XXX ±0.10					
ANGLE					
X. ±2.0°					
X. ±1.0°					

REV.	ECN NO.	PRELIMINARY DESCRIPTION	DWG.	CHECK	APPR.	SCALE	SIZE	SHEET	REV.
X1						1:1	A4	1 of 2	X1

UNIT	mm	DRAWN	Kysin Qin	2016/08/20	TITLE
GENERAL TOLERANCE	CHK.				HDMI Type D 19Pin,
DISTANCE	APPD.				板上型CH=1.55,双排SMT,外壳全插
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X ±0.20	FINISH				
X.XX ±0.15					
.XXX ±0.10					
ANGLE					
X. ±2.0°					
X. ±1.0°					

REV.	ECN NO.	PRELIMINARY DESCRIPTION	DWG.	CHECK	APPR.	SCALE	SIZE	SHEET	REV.
X1						1:1	A4	1 of 2	X1

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