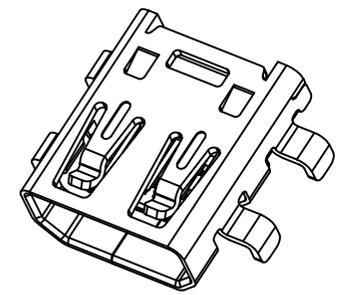
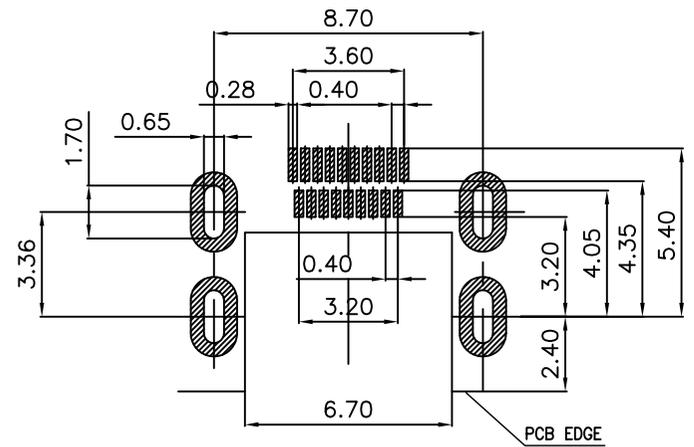
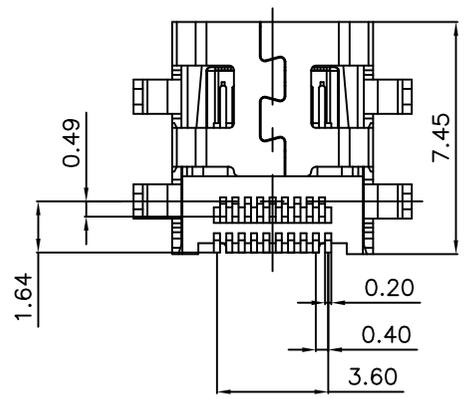
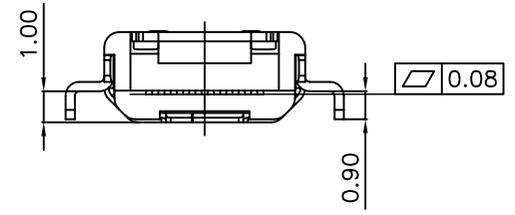
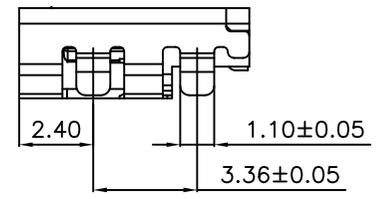
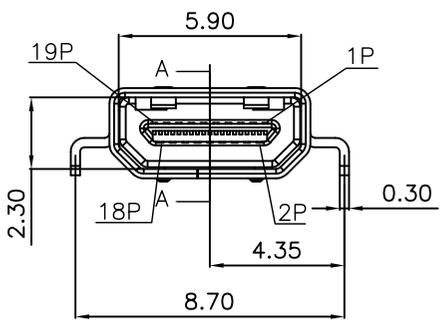


- Notes:
- Materials
    - Housing: LCP+30% G/F, Black, UL94 V-0;
    - Contact: Phosphor Copper (C5191), Gold Plating at mating area, Matte Tin or Au Plating
    - Shell: Phosphor Copper (C5191);
  - Ratings
    - Current Rating: 0.3A ;
    - Operating Temperature: -40 ~ 85°
  - Electrical Requirement:
    - 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 ;
    - 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±5°c.

HD-F B010 S R -E0 XX  
1 2 3 4 5 6 7

- HD:HDMI D TYPE
- F: FEMALE
- B010=中心高-0.10mm
- S: SMT
- R: 90°
- TYPE码: E0: 正常规格
- Contact Area plating on contacts
 

01: G/F	03: Au 3u"
05: Au 5u"	10: Au 10u"
15: Au 15u"	30: Au 30u"



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	SCL
18	SDA
19	+5V Power

AO	2023.05.31	换图框发行	董东平	杨章雄
版次 REV.	日期 DATE	变更内容 DESCRIPTION	审核 CHK.	核准 APPD.

一般公差 GENERAL TOLERANCE		CUSTOMER DRAWING	
X.X ±0.35	X' ±5'	绘图 DR.	李兴泽
X.XX ±0.25	X.X' ±2'	审核 CHK.	
X.XXX ±0.15	▲ MAJOR DIM.	核准 APPD.	
单位 UNIT	mm		

Fuconn Industrial Electronics Limited	
品名 TITLE	
HDMI D TYPE FEMALE双沉板0.9 SMT CONN	

料号 PART NO.		
HD-FB010SR-E0XX		
文件编号 NUMBER C-HE95		
比例 SCALE	SHEET	版次 REV.
1/1	1/1	A0