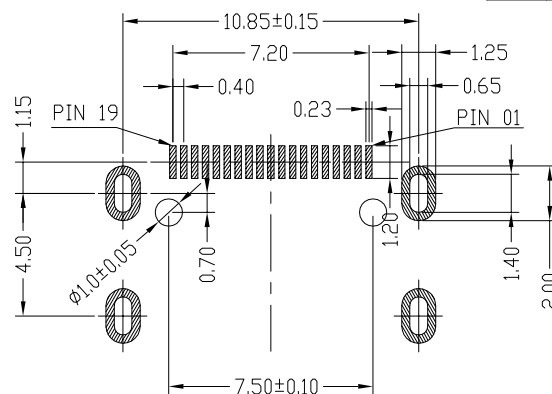
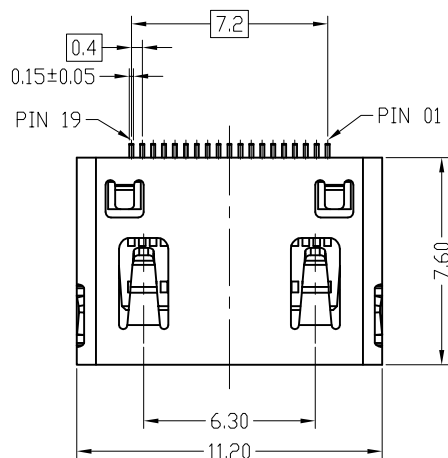
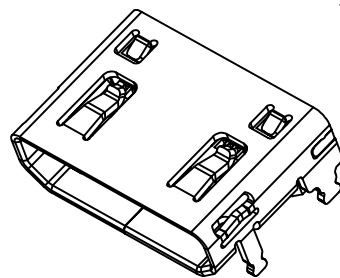
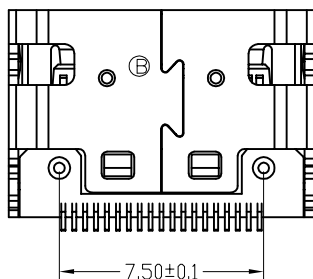
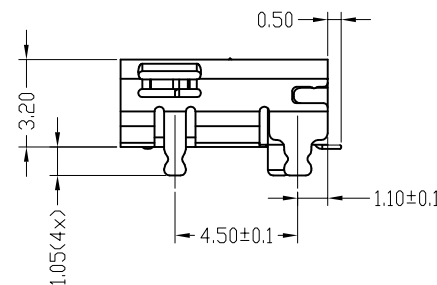
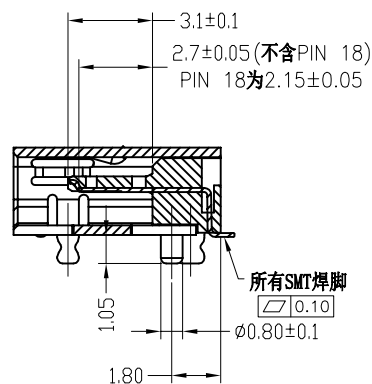
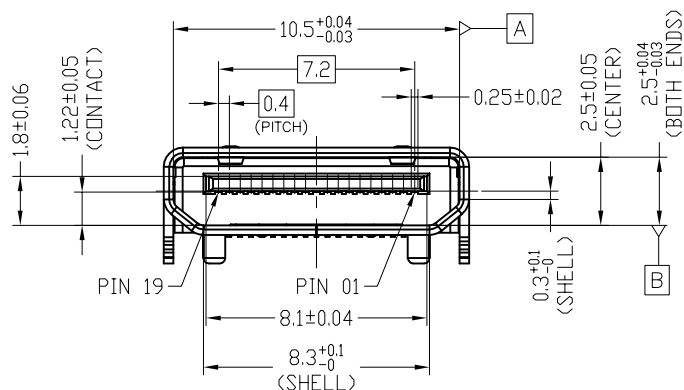


REV	DATE	ECN NO.	MODIFICATION	APPROVER
A	2012/07/24		NEW	Jason
B	2013/10/18	RD00313101801	外壳凸点位置移动	Jason



PCB Layout



- Material:
 - Insulator: Thermoplastic, UL94V-0,color:black.
 - Terminal: Phosphor Bronze, Tin/Gold plated over nickel plated (50~80 u" min)
 - Shell: Brass. Tin/Gold plated over nickel plated (50~80 u" min)
- Mechanical and Electrical performance:
 - Mating Cycles: 5000 cycles(speed:100 cycles/h).
 - Rating current:0.5A Max.
 - Insulation resistance: 100MΩ Min. at 500 V DC.
 - Terminal contact resistance: 30mΩ Max.
 - Withstanding voltage:500V AC at 1mA Max. for 1 minute.
- Environment performance.
 - Operating temperature: -25℃~ +85℃
 - Storage temperature: -5℃~ +35℃

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

GENERAL TOLERANCE				UNITS mm		NAME: MINI HDMI MOLDING TYPE		ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	✓					PART NO: HD219F-3D05*00		TITLE: MINI HDMI MOLDING TYPE			
TOL	1	2	3	FINISH	APPD: Jason_Lee		DWG NO. ATOM-A01481				
DN.					CHKD: Vicky			SCALE	SHEET	REV	
X.XXX	±0.10	±0.05	±0.15		Q'TY						
X.XX	±0.15	±0.13	±0.25								
X.X	±0.20	±0.25	±0.5								
X.	±0.30	±0.38	±1.00								
ANGLE	±2°										