

ROHS

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

NOTES:

1.MECHANICAL:

- 1.1 INSERTION FORCE:39.2N Max
- 1.2 WITHDRAWAL FORCE:9.8N Min

2.ELECTRICAL:

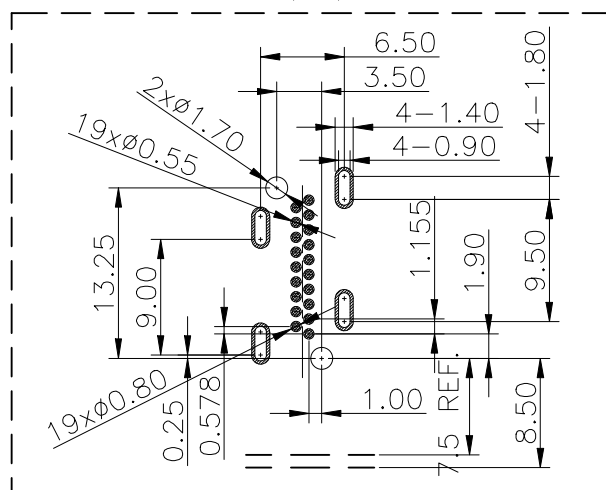
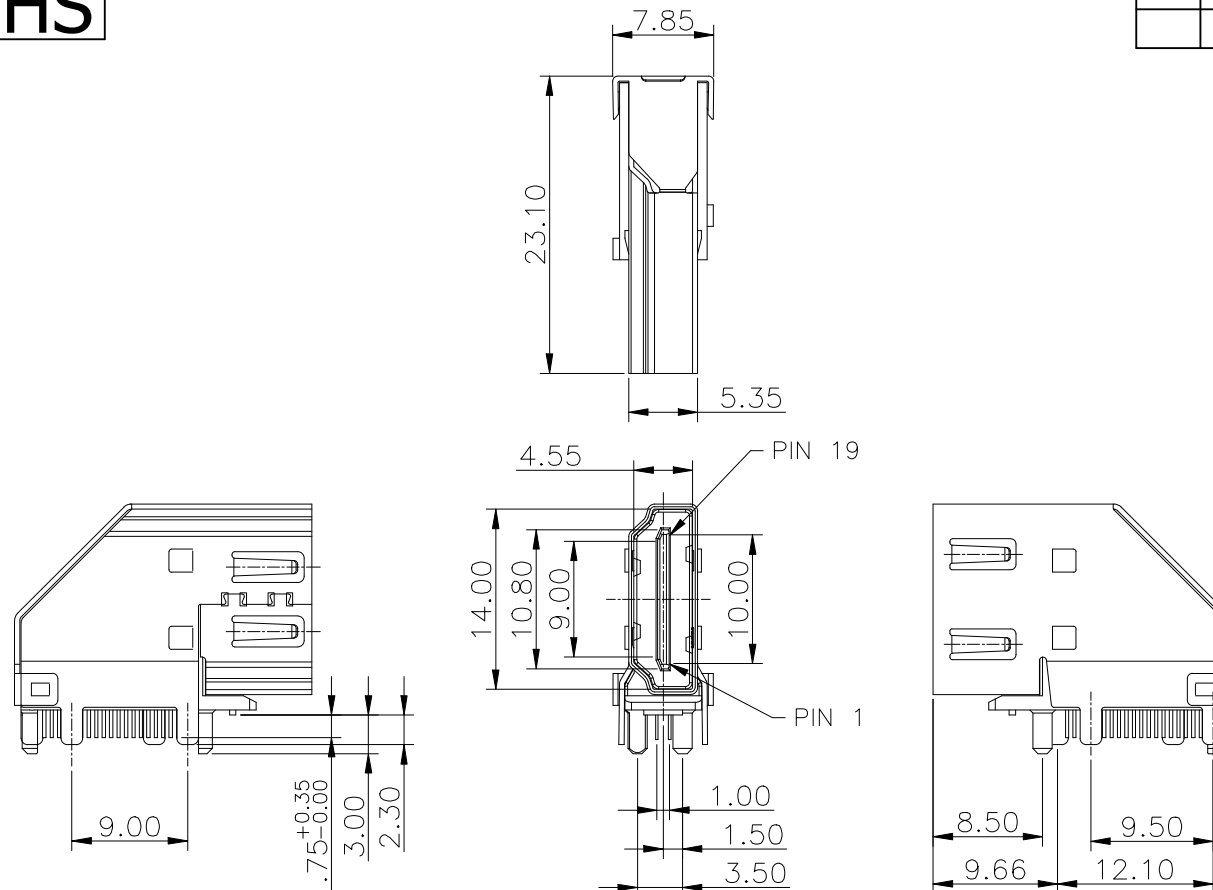
- 2.1 CONTACT RESISTANCE:30mΩ Max
- 2.2 INSULATION RESISTANCE:100MΩ Min
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500V AC

3.ENVIRONMENTAL:

- 3.1 TEMPERATURE RAGE:-20°C ~ +85°C

4.MATERIAL:

- 4.1 HOUSING MATERIAL:LCP UL94V-0;Color:Blacke
- 4.2 CONTACT MATERIAL:C2680R-EH
- 4.3 SHELL MATERIAL: C2680



RECOMMENDED PCB LAYOUT (TOP VIEW)

TOLERANCE:±0.05mm

Pin	Signal Assignment
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+

Pin	Signal Assignment
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	Rexerved (N. C. on decice)
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

COSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
DRAWING			TITLE HDMI-A连接器19PIN母端侧插 REV. A			
CHECK						
APPROVAL						
TOLERANCES ARE			TITLE	HDMI-A连接器19PIN母端侧插	REV.	A
30-150	±0.35	ANGLE ±3°	PART NO.	LAIL-HDMI-A02G-A-CC	UNITS	mm
10-30	±0.2					
5-10	±0.15					
0-5	±0.1					
			DWG.NO.		Projection	