

REV.	DESCRIPTION	DATE
A	RELEASE	Apr. 01, 2013

HDMI TYPE A PIN ASSIGNMENT

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

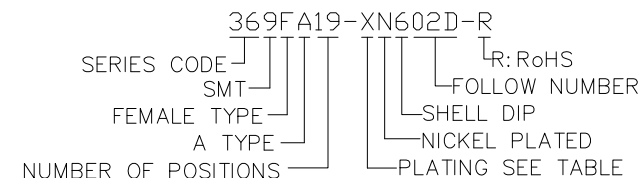
MATERIALS

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0
- TERMINAL: COPPER ALLOY,
PLATING: GOLD PLATED OVER NICKEL ON CONTACT AREA
TIN PLATED ON SOLDER TAILS.
- SHELL: COPPER ALLOY
PLATING: NICKEL PLATED OVERALL.


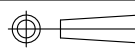
SPECIFICATION

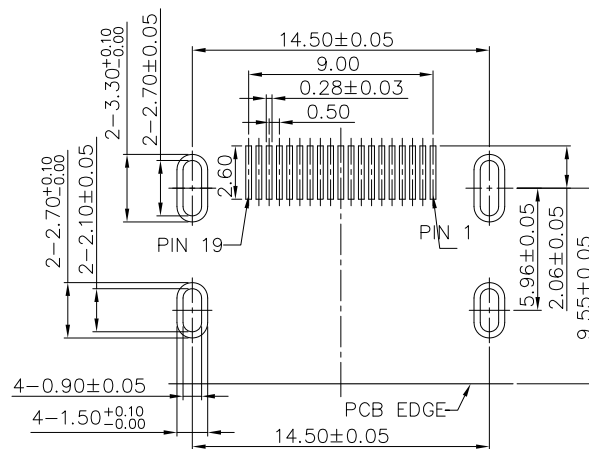
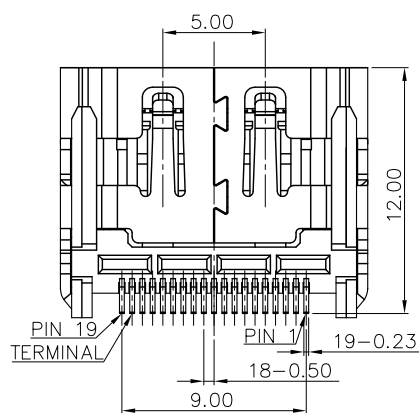
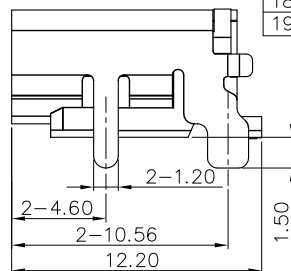
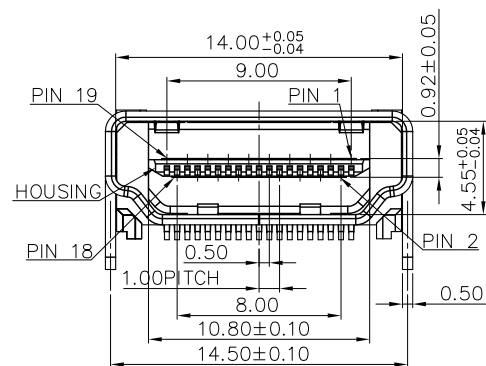
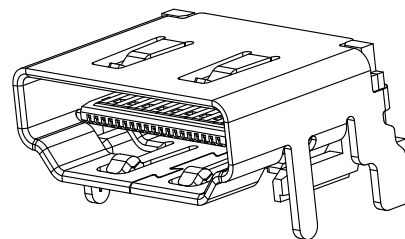
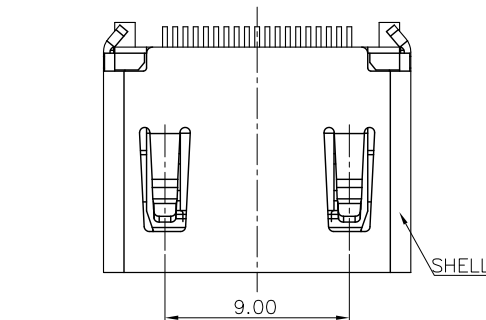
- CURRENT RATING: 0.5A. MAX.
- DIELECTRIC WITHSTANDING VOLTAGE :
500V AC R.M.S. FOR 1 MINUTE.
- INSULATION RESISTANCE: 1000MΩ MIN. AT 500V DC.
- CONTACT RESISTANCE: 30mΩ MAX.
- OPERATING TEMPERATURE: -25°C TO +85°C.

PART NUMBER INFORMATION :



DESCRIPTION OF PLATING ON TERMINALS			
NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
6	GOLD 30u"		

TOLERANCE .0=±0.38 .00=±0.25 .000=±0.05 ANG.=±3°	DRAWER XHQ CHECK HAI APP'D LISON	 Astron ASTRON TECHNOLOGY CORP.		
 UNITS : mm	PRODUCT SPEC. NAME HDMI A TYPE			
SCALE NONE	SIZE A7	SHEET 1 OF 1	REV. A	DRAW NO. R369FA19-XN602D-R



RECOMMEND PCB LAYOUT
TOLERANCE: ±0.05
TOP VIEW