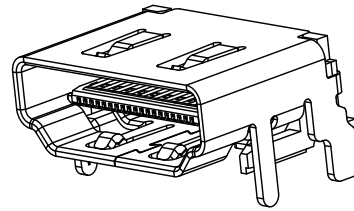
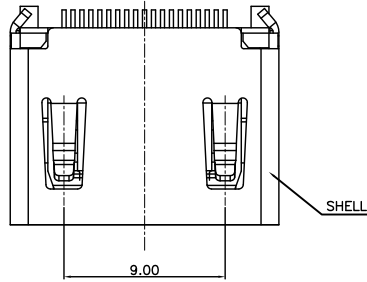


REV.	REVISOR NOTE	DATE
A	NEW DESIGN	2012-12-06
B	UPDATE DRAWING	2013-10-06



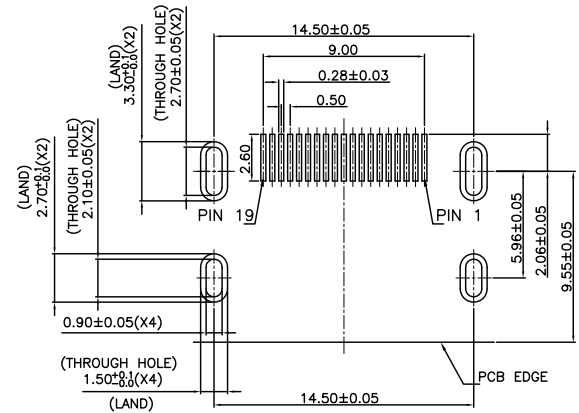
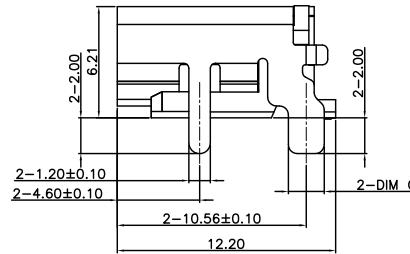
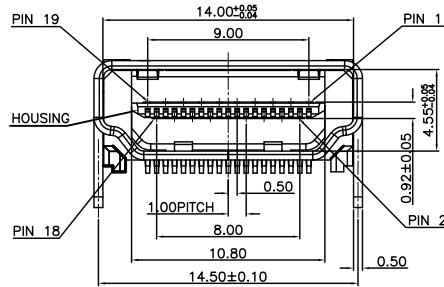
3D VIEW

NOTES:

- MATERIAL:
 - SHELL: COPPER ALLOY
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0
 - COVER: HIGH TEMPERATURE THERMOPLASTIC UL94V-0
 - TERMINAL: COPPER ALLOY
- PLATING:
 - TERMINAL: GOLD PLATED OVER NICKEL ON CONTACT AREA AND SEE P/N TABLE ON SOLDER TAILS
 - SHELL: NICKEL PLATED
- P/N: 2HE-HD09-1XX-0301

SHELL PLATING CODE:
 0: SHELL COPPER ALLOY & PLATING Au.
 1: SHELL COPPER ALLOY & PLATING NI.
 2: SHELL SPCC & PLATING Au.
 3: SHELL SPCC & PLATING NI.

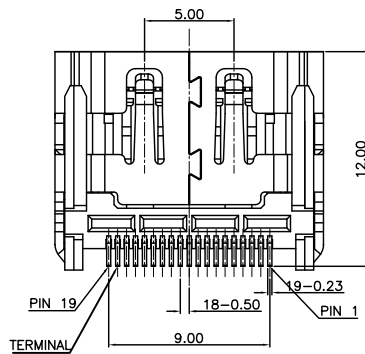
TERMINAL PLATING CODE:
 A: CONTACT AREA: GOLD FLASH
 SOLDER AREA: MATTE TIN
 B: CONTACT AREA: 5u" GOLD
 SOLDER AREA: MATTE TIN
 C: CONTACT AREA: 15u" GOLD
 SOLDER AREA: MATTE TIN
 F: CONTACT AREA: 30u" GOLD
 SOLDER AREA: MATTE TIN



RECOMMENDED PCB LAYOUT(TOP VIEW)
 (THICKNESS=1.4±0.10mm)
 (TOLERANCE=±0.03mm)

HDMI TYPE A PIN ASSIGNMENT

PIN	Signal Assignment
1	TMD5 Data2+
2	TMD5 Data2 Shield
3	TMD5 Data2-
4	TMD5 Data1+
5	TMD5 Data1 Shield
6	TMD5 Data1-
7	TMD5 Data0+
8	TMD5 Data0 Shield
9	TMD5 Data0-
10	TMD5 Clock+
11	TMD5 Clock Shield
12	TMD5 Clock-
13	CEC
14	Reserved (N.C. on device)
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect



GENERAL TOLERANCES
 (UNLESS SPECIFIED)

X	±	X'	± 2'
.X	± 0.38	.X'	± 1'
.XX	± 0.25		

Singatron Enterprise Co., Ltd.			
TITLE	HDMI TYPE A FEMALE SMT TYPE		
DWN	PART NO. 2HE-HD09-1XX-0301		
CHKD	SCALE 1:1	UNIT: mm	⊕ ↻
APVD	SIZE: A3	SHEET: 1 OF 1	REV: B
CUSTOMER COPY			