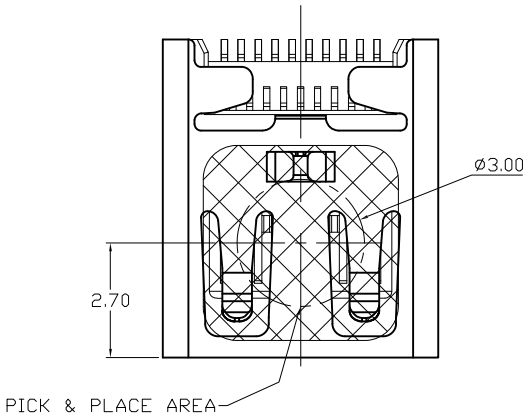
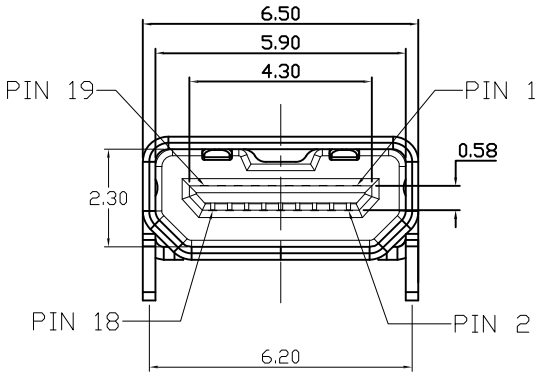
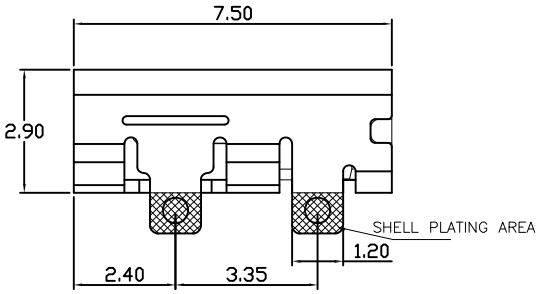
CONNECTION	SIGNALS
	TYPE D CONNECTOR
FIRST MAKE	CONNECTOR SHELL
SECOND MAKE	PINS 1 - 18
THIRD MAKE	PIN 19 (+5V POWER)

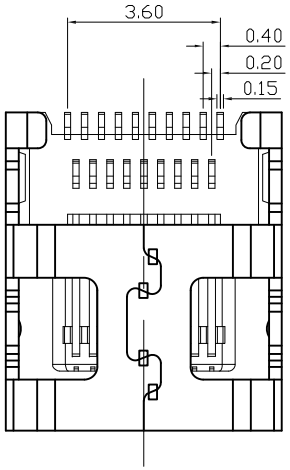
PIN	SIGNAL ASSIGNMENT
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SCL
18	SDA
19	+5V Power

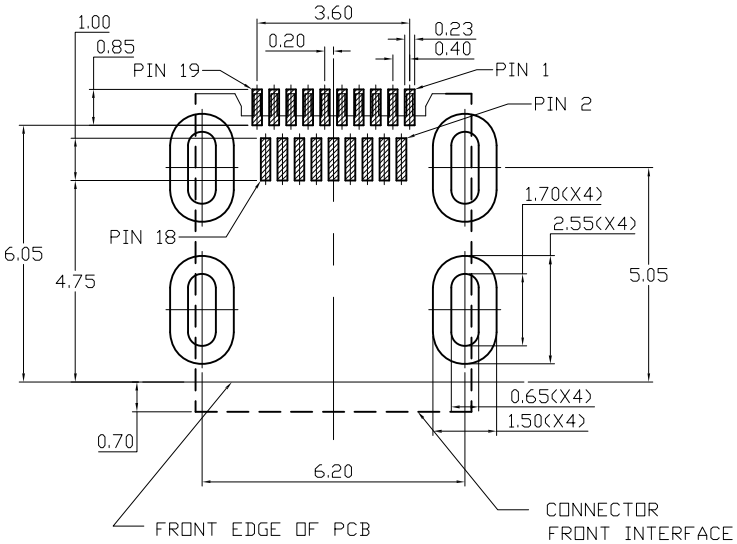
MATERIAL AND FINISH AS BELOW		
A	Housing	LCP UL94V-0 Black
B	Contact	Phosphor Bronze C5210,Contact Area: 10u″ Gold
C	Shell	Stainless Steel 301,Nickel Plating DIP Area: Gold Flash











RECOMMEND P.C.B LAYOUT THICKNESS=0.6mm
(TELERANCE ±0.05)

SPECIFICATION:

1. ELECTRICAL
1.1 Current Rating: 0.5A per pin
2 1.2 Voltage Rating: 40V AC/DC
1.3 Contact Resistance: 10mΩ
1.4 Insulation Resistance: 100MΩ
1.5 Dielectric Withstanding Voltage:
Initial:500VAC
Final:250VAC
2. MECHANICAL
2.1 Durability: 5000 Cycle
2.2 Insertion Force: 5~25N max.
2.3 Extraction Force: 44.1N max.

3. ENVIRONMENTAL
3.1 Operating temperature range: -40℃~+85℃
3.2 Storage temperature range: -40℃~+85℃

4. SOLDER ABILITY
4.1 Recommended IR-Reflow Temperature:
260℃ 10Sec
4.2 Recommended PCB Thickness: 1.0mm

DESCRIPTION

HDMI D Type, Shell:DIP Solder Tail:SMD, Contact Area: 10u″ Gold

REV.	DESCRIPTION	DATE
2	Revised Voltage Rating	2014/11/25
1	Initial Release	2013/09/16

UNLESS OTHERWISE SPECIFIED TOLERANCE		
ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Fros	2014/11/25
CHECKED	Ron	2014/11/25
APPROVED	Ken	2014/11/25

ATTEND
www.attend.com.tw

DRAWN NAME: HDMI D Type Connector

SIZE	SHEET	PRODUCT NO.	FILE NAME
A4	1/1	206H-SDAN-R01	206H-SDAN-R01_B_2