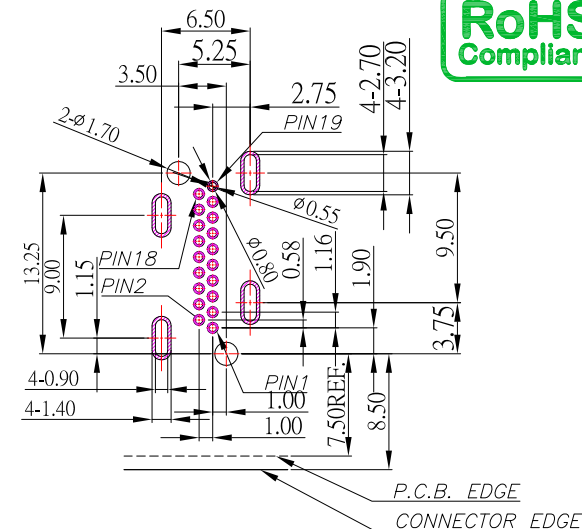


HDMI PIN ASSIGNMENT			
PIN	SIGNAL TYPE		
1	TMDS Data2+	12	TMDS Clock-
2	TMDS Data2 Shield	13	CEC
3	TMDS Data2-	14	Utility
4	TMDS Data1+	15	SCL
5	TMDS Data1 Shield	16	SDA
6	TMDS Data1-	17	DDC/CEC Ground
7	TMDS Data0+	18	+5V Power
8	TMDS Data0 Shield	19	Hot Plug Detect
9	TMDS Data0-		
10	TMDS Clock+		



RECOMMENDED P.C.B. LAYOUT TOP VIEW

NOTE:

1.MATERIAL:

- 1.1 HOUSING: LCP, BLACK
- 1.2 CONTACT: BRASS
- 1.3 SHEEL: BRASS

2.PLATING :

- 2.1 CONTACT: PLATED GOLD IN MATING AREA ;
TIN PLATED ON SOLDER BALLS ;
NICKEL UNDER PLATED OVERALL
- 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER

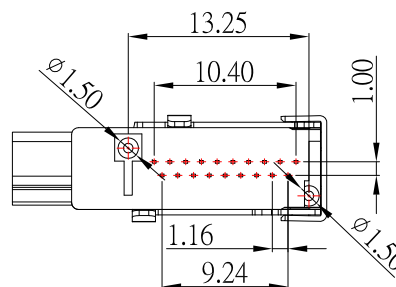
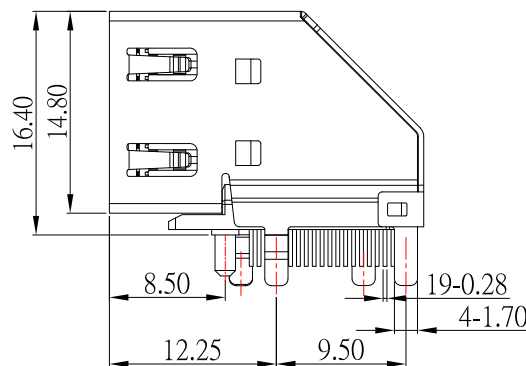
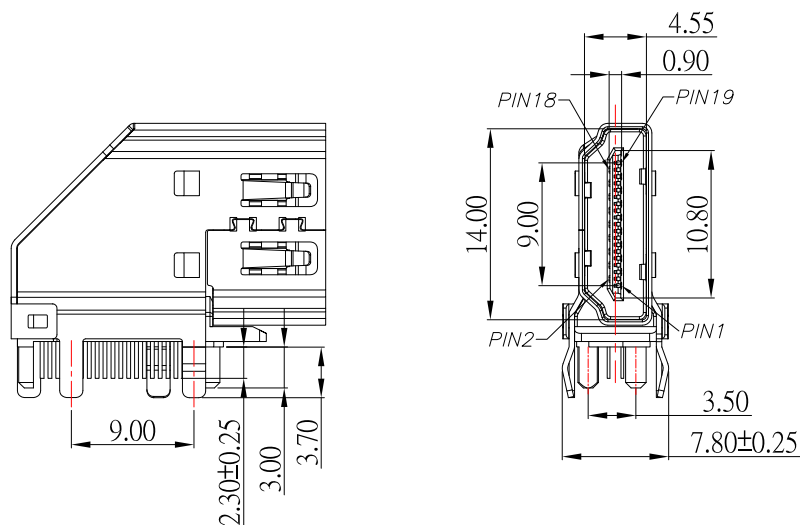
3.MECHANICAL:

- 3.1 INSERTION FORCE: 4.5 KgF MAX
- 3.2 WITHDRAWAL FORCE: 1.0 ~ 4.0 KgF

4.ELECTRICAL:

- 4.1.RATING: 40V,0.5A
- 4.2 CONTACT RESISTANCE: 30 mΩ Max
- 4.3 INSULATION RESISTANCE: 100MΩ Min
- 4.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC / minute
- 4.5 OPERATING TEMPERATURE: -25°C~ 85°C

5.LIFE: 10,000 CYCLES



CONTACT

建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS
OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD.
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 05/11/23
DATE: 05/11/23
DATE: 05/11/23

MAT'L
FINISH
SCALE
SHEET NO.

TITLE
MODLE
DWG NO.
PART NO.

CONNECTOR
HDMI2.1 側插殼銅殼2 K腳 2直腳 腳長 2.3
HD2-19PF-P1-S297
HD2-19PF-P1-S297

SIZE
A4
VER
R3

ITEM NO	DESCRIPTION	DRAWN	DATE
3	新增LIFE	Jack	051123
2	新增PIN定義	Jack	092922
1	更新PCB LAYOUT尺寸	Jack	092222