

HD2-19P-SND1xx-S297

外殼電鍍材質：端子接觸區厚度：

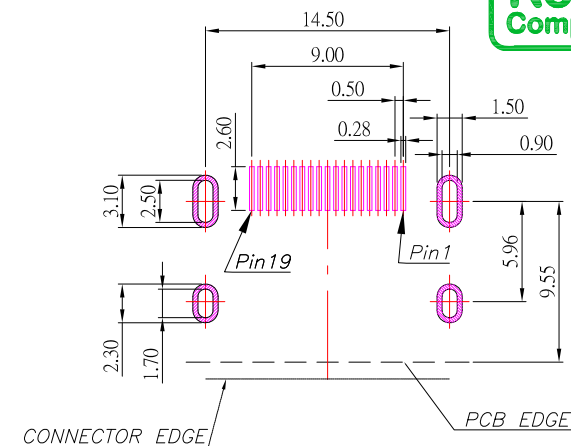
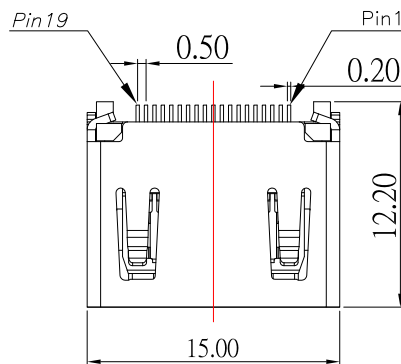
Blank : Nickel

G : Gold

Blank : 1u"

2 : 15u"

3 : 30u"



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: NICKELOR GOLD UNDER PLATED SURFACE LAYER

3.MECHANICAL:

3.1 INSERTION FORCE: 4.5 Kgf MAX

3.2 WITHDRAWAL FORCE: 1.0 ~ 4.0 Kgf

3.3 LIFE: 10000 Cycles

4.ELECTRICAL:

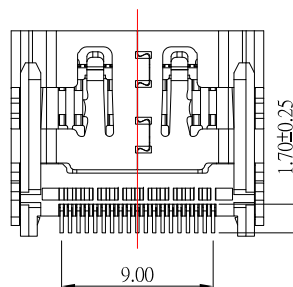
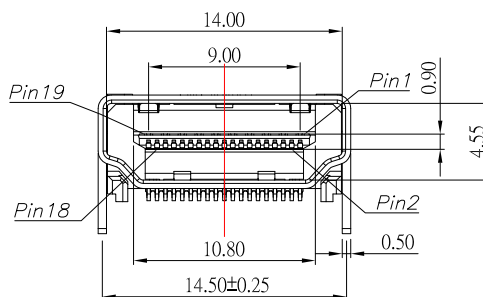
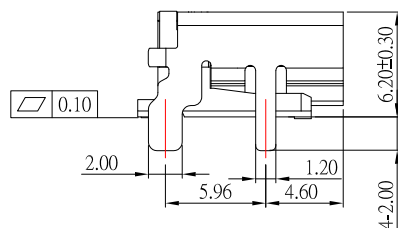
4.1RATING: 40V,0.5A

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



HDMI PIN ASSIGNMENT			
PIN	SIGNAL TYPE	11	TMDS Clock Shield
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+		

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

TITLE
MODLE
DWG NO.

CONNECTOR
HDMI2.1 無耳無柱 四直腳腳長2.0
1 : 1

PART NO. HD2-19P-SND1xx-S297

SIZE: A4
VER: R2

ITEM NO. DESCRIPTION

DRAWN DATE

Jack 051123

Jack 070921

2 新增PIN定義

1 新增鍍層選項