



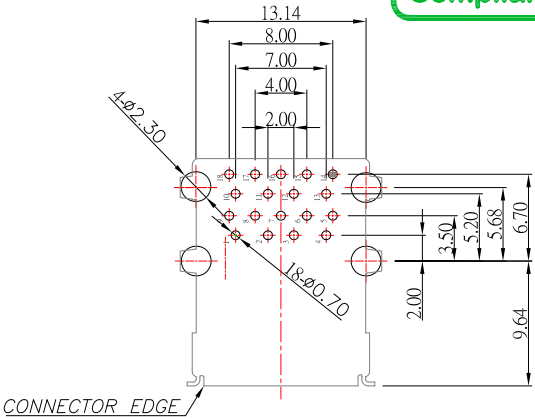
SUA-210H1A-30xx-S277

鍍層厚度:

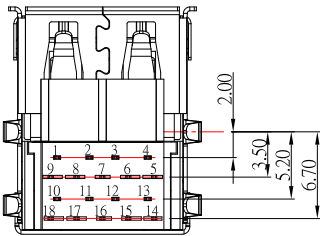
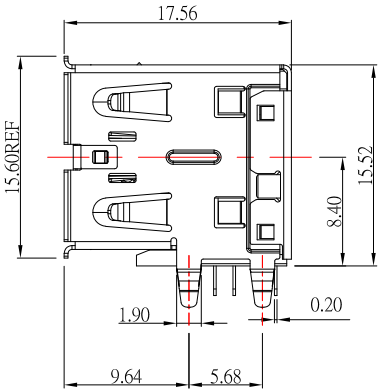
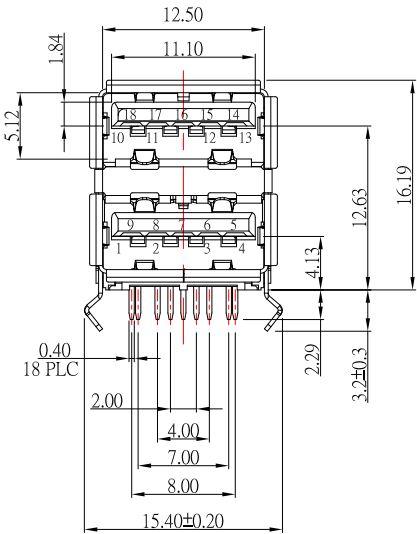
COLOR:

Blank : 1u"
2 : 15u"
3 : 30u"

BLUE : Blank
Black : B



PCB LAYOUT REFERENCE



USB 2.0 CONTACT PINS			USB 3.0 CONTACT PINS		
Pin NUMBER		SIGNAL NAME	Pin NUMBER		SIGNAL NAME
1	10	VBUS	5	14	StdA_SSRX-
2	11	D-	6	15	StdA_SSRX+
3	12	D+	7	16	GND_DRAIN
4	13	GND	8	17	StdA_SSTX-
Shell		Shield	9	18	StdA_SSTX+

NOTE:

1.MATERIAL:

- 1.1 Inner Insulator: PA9T,Color: Blue
- 1.2 Housing: LCP,Color: Black
- 1.2 Contact: Phosphor Bronze (3.0 PIN)
Brass(2.0 PIN)

1.3 Shell: SUS

2.Finish:

- 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.SPECIFICATION:

- 3.1 Current Rate:1.8 Amperes
- 3.2 insulator Resistance:100MΩ Min
- 3.3 Dielectric Strength: 100V AC
- 3.4 Contact Resistance: 50mΩ Max
- 3.5 Insertion Force: 35 N Max
- 3.6 Extraction Force: 10 N Min

2	新增顏色選項	Jack	06/20/25
1	更新材質	Jack	09/20/24
ITEM NO.	DESCRIPTION	DRAWN	DATE



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:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	06/20/25			
CHECKED BY:	DATE	FINISH	MODLE	USB 3.0 A/F 雙層 90 度 短體 L:17.56mm
Jacky Chen	06/20/25			
APPROVED BY:	DATE	SCALE	DWG NO.	SUA-210H1A-30xx-S277
Tony Kao	06/20/25	1 : 1		
		SHEET NO.	PART NO.	SUA-210H1A-30xx-S277
				SIZE A4
				VER R2