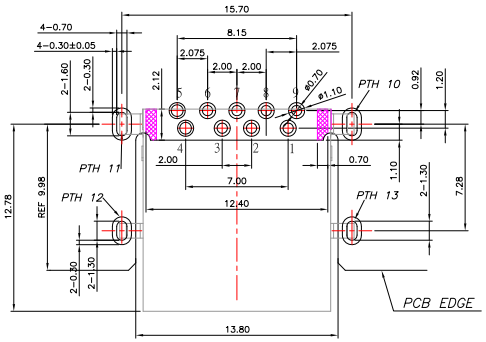
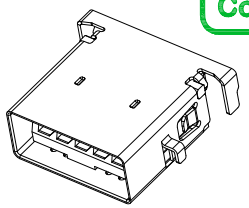


CONNECTOR MATEING



RECOMMENDED PCB LAYOUT



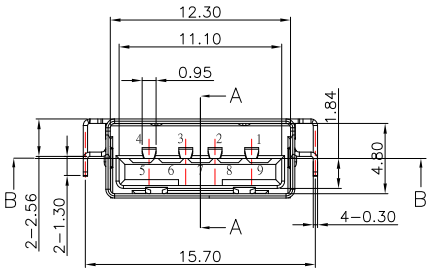
SUA-110E5-30xx-S277

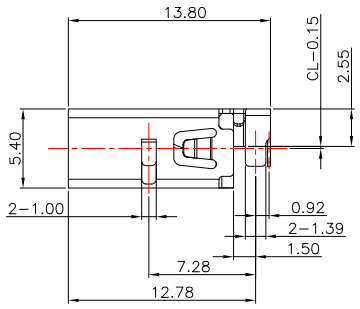
鍍層厚度 :

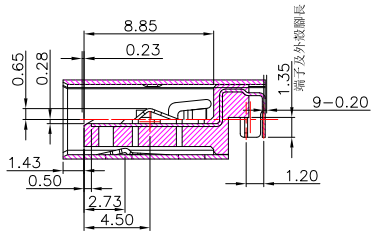
Blank : 1u"
2 : 15u"
3 : 30u"

HOUSING :

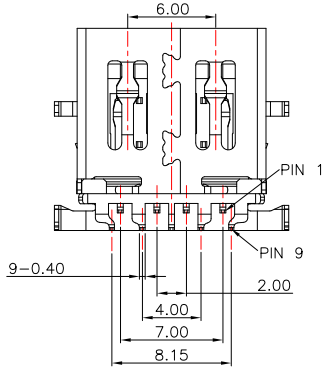
Blank : LCP,Blue
K : LCP,BLack
GR : PBT,Green



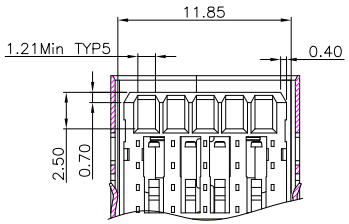




SECTION A-A



(BOTTOM VIEW)



SECTION B-B

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

NOTE:

1.MATERIAL:

1.1 Housing: Plastic,(UL94V-0)

1.2 Contact: Phosphor Bronze

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 Rate: 30V DC , 1.5 A

3.2 insulator Resistance:100MΩ Min

3.3 Dielectric Strength: 500V AC

3.4 Contact Resistance: 30mΩ Max

3.5 Operation Temperature: -55°C ~ +85°C

3.6 Insertion Force: 35 N

3.7 Extraction Force: 10 N

ITEM NO.	DESCRIPTION	DRAWN	DATE
4	新增尺寸標註	Jack	081920
3	新增PCB LAYOUT尺寸標註	Lan	041819
2	新增顏色及材質選項	Jack	042817
1	更新PCB LAYOUT尺寸	Jack	012017

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	DATE 08/19/20	MAT'L	
CHECKED BY: Jacky Chen	DATE 08/19/20	FINISH	
APPROVED BY: Tony Kao	DATE 08/19/20	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR		
MODLE	USB A/F 3.0 DIP 沉板 , 板上H:2.56mm , 無捲邊反向		
DWG NO.	SUA-110E5-30xx-S277	SIZE	A4
PART NO.	SUA-110E5-30xx-S277	VER	R4