



SUA-110H24-30xx-S277

鍍層厚度:

COLOR:

Blank : 1u"

BLUE : Blank

2 : 15u"

Black : B

3 : 30u"

Red : R

NOTE:

1.MATERIAL:

1.1 Housing: LCP,(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 Current Rate: 1.5 A

3.2 insulator Resistance:100M Ω Min

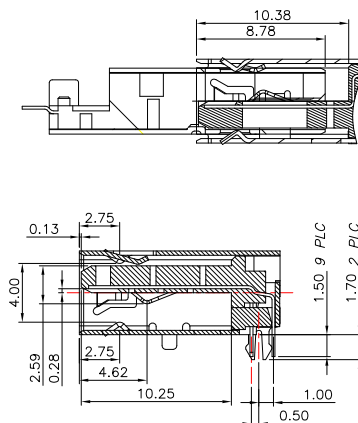
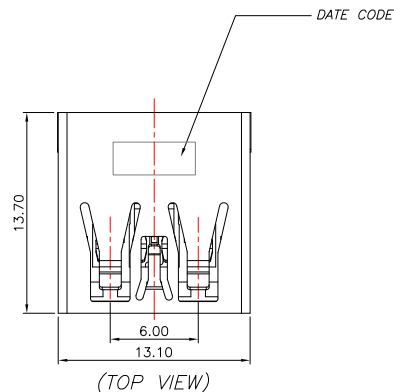
3.3 Dielectric Strength: 500V AC

3.4 Contact Resistance: 30m Ω Max

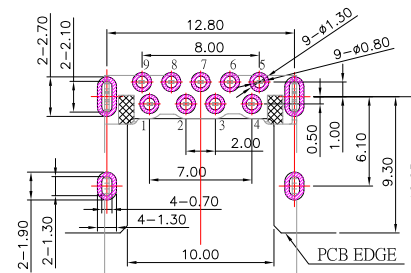
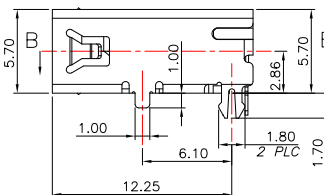
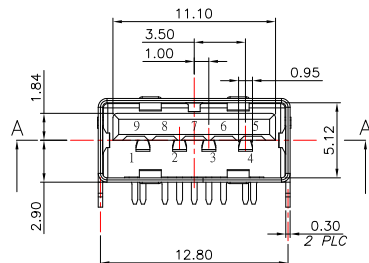
3.5 Operation Temperature: -40°C ~ +85°C

3.6 Insertion Force: 35 N

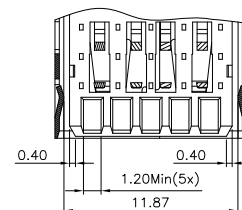
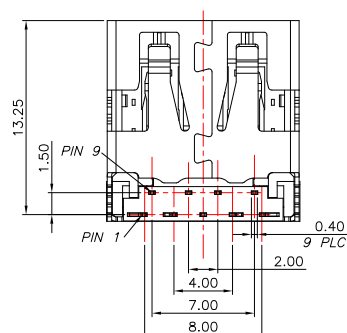
3.7 Extraction Force: 10 N



SECTION B-B



RECOMMENDED PCB LAYOUT
(TOP VIEW)



SECTION A-A

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-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	FRIST
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	



东莞市高迪电子有限公司

Dong Guan KDRR Electronic Switch Jack Co., Ltd.

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: 03/05/20

CHECKED BY: Jacky Chen
DATE: 03/05/20

APPROVED BY: Tony Kao
DATE: 03/05/20

MAT'L	TITLE	CONNECTOR
FINISH	MODLE	USB A/F DIP R/A TYPE
SCALE	DWG NO.	SUA-110H24-30xx-S277
SHEET NO.	PART NO.	SUA-110H24-30xx-S277

SIZE
A4
VER
R5

ITEM NO	DESCRIPTION	DRAWN	DATE
5	更新pcb layout	Jack	030520
4	新增pcb layout尺寸	Jack	101619
3	更新pcb layout	Jack	092618
2	更新為A0版	Jack	051617
1	更新尺寸6.6改6.1	Jack	040715