

SUA-110E5-30xx-S277

鍍層厚度：

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

HOUSING :

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

NOTE:

1.MATERIAL:

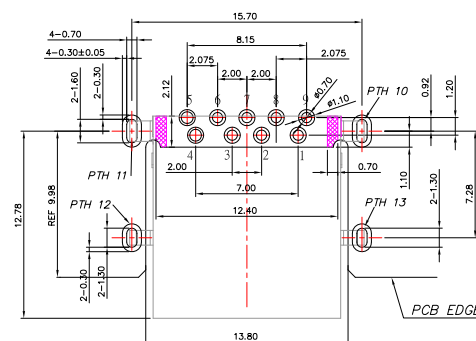
- 1.1 Housing: Plastic,(UL94V-0)
- 1.2 Contact: Phosphor Bronze
- 1.3 Shell: SUS

2.Finish:

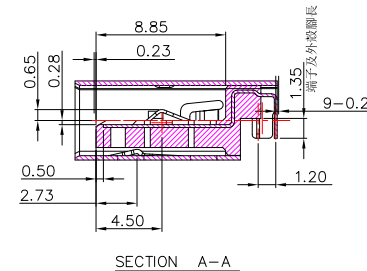
- 2.1 Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- 2.2 Shell: Nickel under Plated surface layer

3.SPECIFICATION:

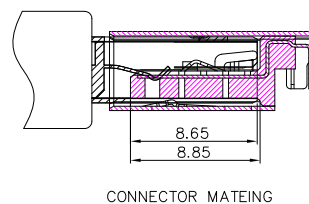
- 3.1 Rate: 30V DC , 1.5 A
- 3.2 insulator Resistance:100MΩ Min
- 3.3 Dielectric Strength: 500V AC
- 3.4 Contact Resistance: 30mΩ Max
- 3.5 Operation Temperature: -55°C ~ +85°C
- 3.6 Insertion Force: 35 N
- 3.7 Extraction Force: 10 N



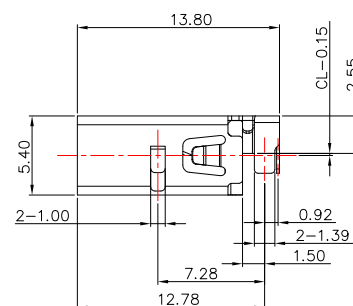
RECOMMENDED PCB LAYOUT



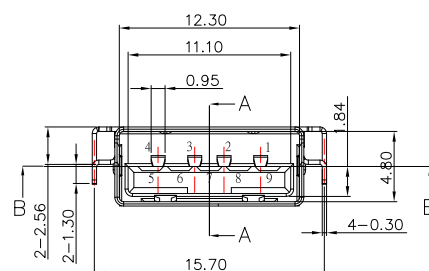
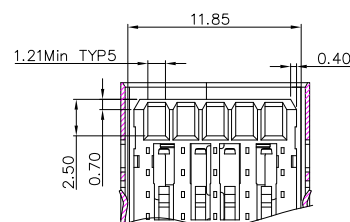
Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL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



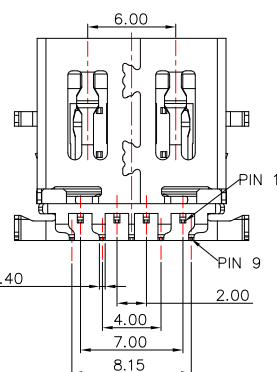
CONNECTOR MATEING



SECTION B-B



(BOTTOM VIEW)



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
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao

DATE: 04/18/19
DATE: 04/18/19
DATE: 04/18/19

MAT'L
FINISH
SCALE

TITLE
MODLE
DWG NO.

CONNECTOR
SUA-110E5-30xx-S277

PART NO.

SUA-110E5-30xx-S277

SIZE
A4
VER
R3

ITEM NO	DESCRIPTION	DRAWN	DATE
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