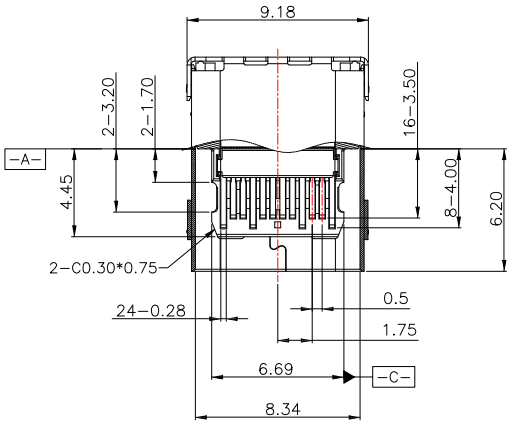
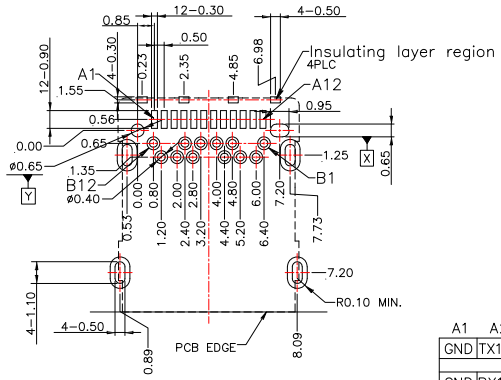
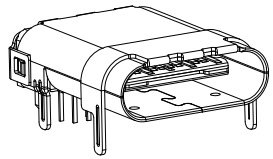




P.C.B LAYOUT MOUNTING PATTERN



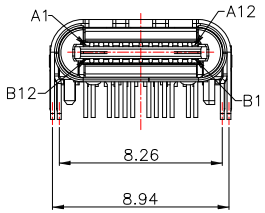
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

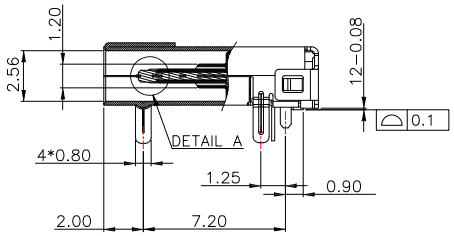
INTERFACE DEFINITION

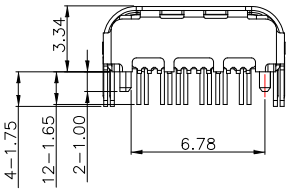
SBC-240S2-31x-S242

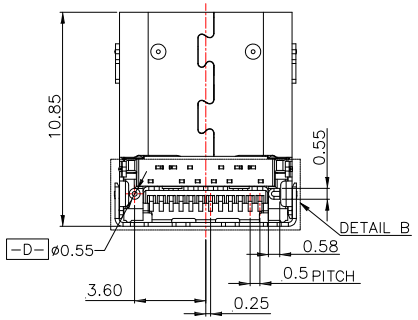
鍍層厚度 :

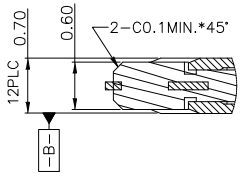
Blank : 1u"
2 : 15u"
3 : 30u"



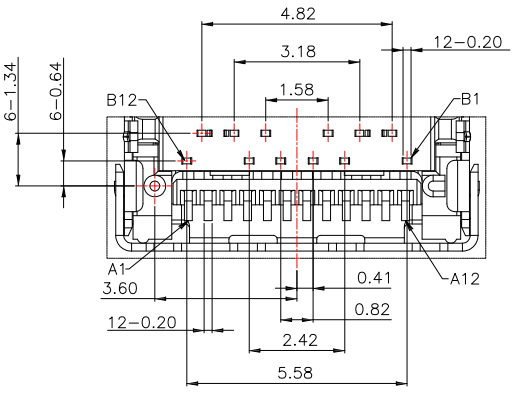








DETAIL A
SCALE 4:1



DETAIL B
SCALF 2:1

SPECIFICATIONS

Electrical:

1.Current Rating: 5.0A For VBUS Pin
1.25A For VCONN Pin

2.Contact Resistance: 40 mΩ Max

3.Insulation Resistance: 100 MΩ Min

4.Dielectric Withstanding Voltage: 100V AC

Mechanical:

1.Connector Mate and Unmate Force
1.1 Mate force: 5~20 N
1.2 Unmate force: 8~20 N

Material:

1.Housing: LCP,UL 94V-0

2.Contact: Phosphor Bronze

3.Shell: Stainless Steel

Finish:

1.Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall

2.Shell: Nickel under Plated surface layer

ITEM NO.	DESCRIPTION	DRAWN	DATE
2	新增PCB LAYOUT中PIN的中心線及尺寸	Jack	080515
1	更新料號	Jack	070915

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 08/05/15	MAT'L	
CHECKED BY: Jacky Chen	DATE 08/05/15	FINISH	
APPROVED BY: Tony Kao	DATE 08/05/15	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	CONNECTOR		
MODLE	USB 3.1TYPE C PIN腳長:1.6		
DWG NO.	SBC-240S2-31x-S242	SIZE	A4
PART NO.	SBC-240S2-31x-S242	VER	R2