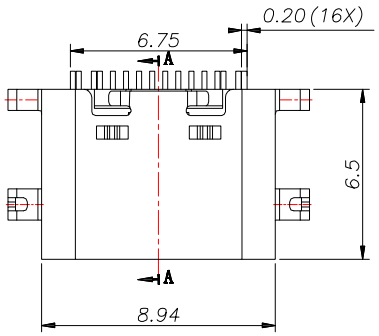
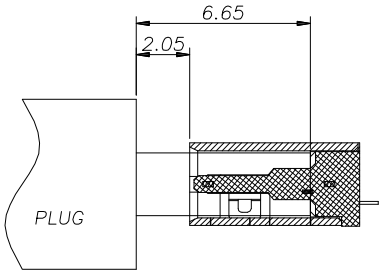
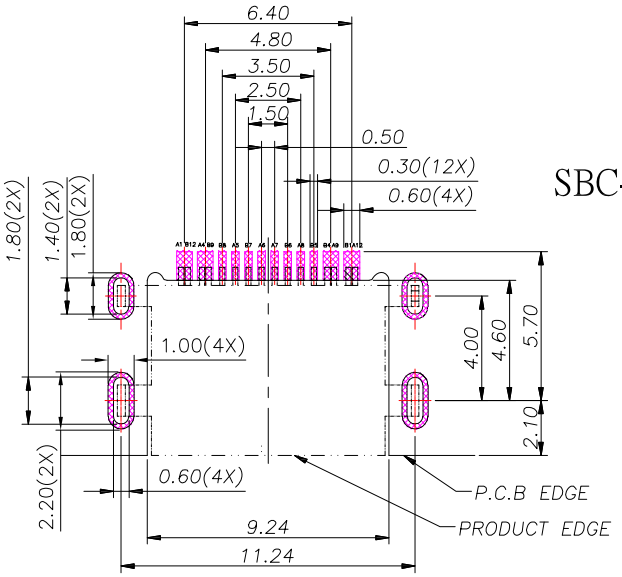
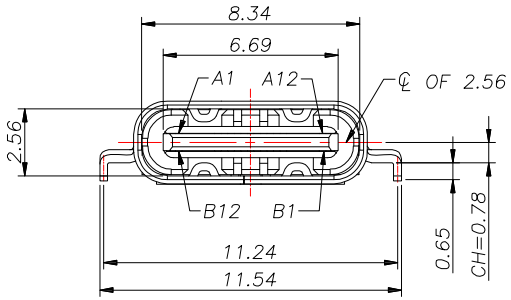


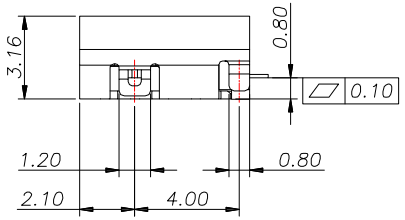


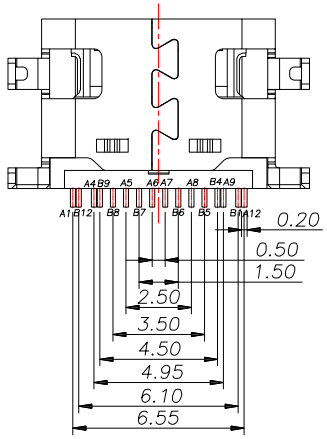
AFTER MATING

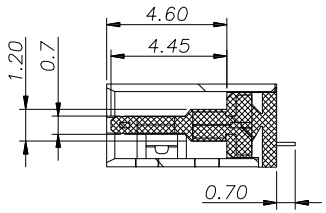


RECOMMENDED PCB LAYOUT









SECTION:A–A

RoHS Compliant

SBC-160M3A-20x-S412

鍍層厚度 :

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

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

SPECIFICATIONS

Electrical:

1.Rating: 5.0V , 3.0 A

2.Contact Resistance: 40 mΩ Max

3.Insulation Resistance: 100 MΩ Min

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

2.Contact: C7025

3.Shell: SUS

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
3	更新Contact材質	Jack	111622
2	新增鍍層厚度選項	Jack	121120
1	新增PCB LAYOUT尺寸	Jack	120220

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

		DATE
DRAWN BY:	Jack Lu	11/16/22
CHECKED BY:	Jacky Chen	11/16/22
APPROVED BY:	Tony Kao	11/16/22

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB TYPE C 2.0 沉板 0.8mm
SCALE	1 : 1	DWG NO.	SBC-160M3A-20x-S412
SHEET NO.	1 of 1	PART NO.	SBC-160M3A-20x-S412

SIZE A4 | VER R3