



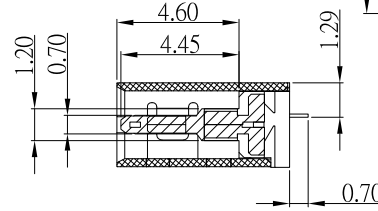
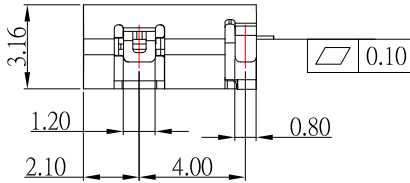
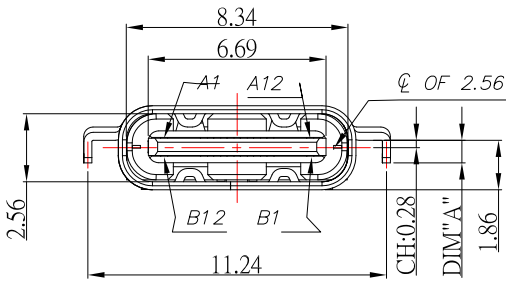
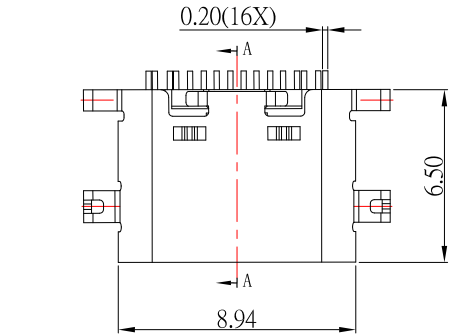
SBC-160M11x-20x-S331

DIM"A"

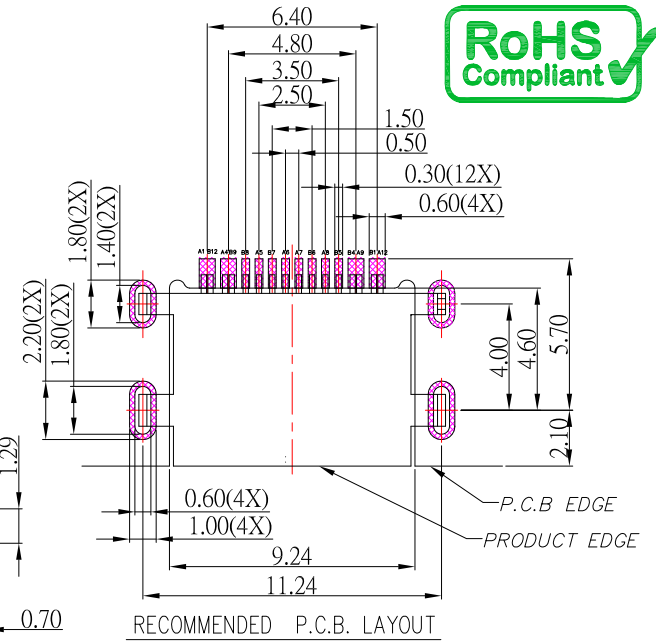
鍍層厚度:

Blank:0.85mm
A : 0.55mm

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



SECTION: A-A



RECOMMENDED P.C.B. LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0 V, 5.0 A
- 2.Dielectric Withstand Voltage: 100V AC
- 3.Contact Resistance: 40 mΩ Max
- 4.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:

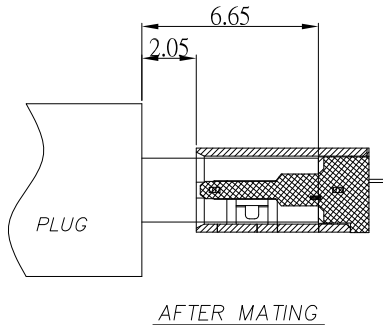
- 1.Housing: LCP
- 2.Contact: C1814
- 3.Shell: SUS

Finish:

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

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



AFTER MATING

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

03/16/23

CHECKED BY:

Jacky Chen

DATE

03/16/23

APPROVED BY:

Tony Kao

DATE

03/16/23

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

USB TYPE C 2.0 沉板上H1.29mm

SBC-160M11x-20x-S331

SBC-160M11x-20x-S331

SIZE

A4

VER

R2

ITEM NO.

DESCRIPTION

DRAWN

DATE

2

新增CH尺寸

Jack

031623

1

更新圖面

Jack

061622