

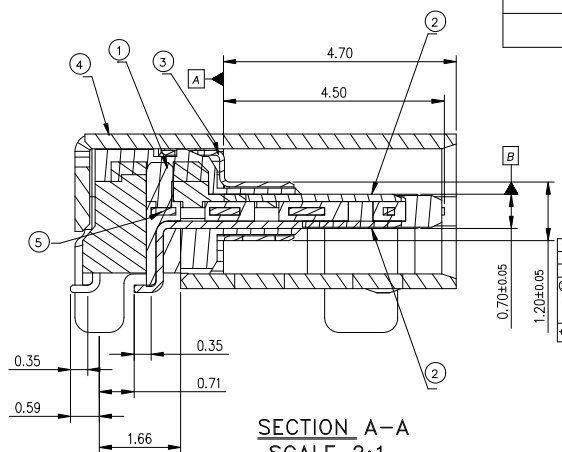
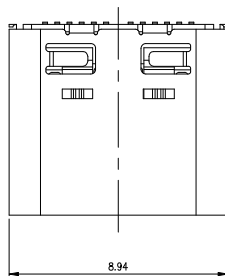
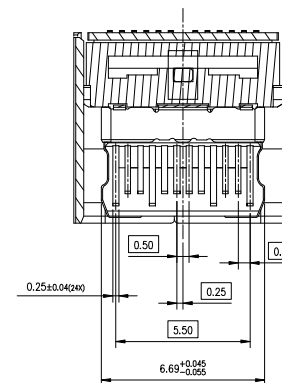
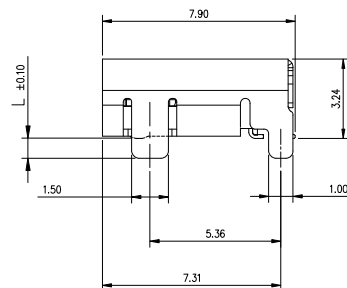
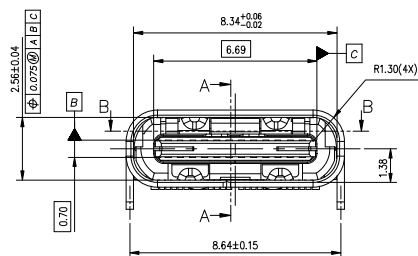
RoHS

MAPX

MODIFICATION

DRW

DATE

SECTION A-A
SCALE 2:1SECTION B-B
SCALE 1:1

PART NO.

S-U4 24 324 A2-1

S: DATA TYPE

U4: USB TYPE C

24: 24Pin

324: 3.24mm HEIGHT

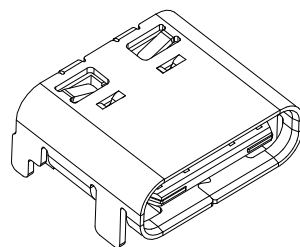
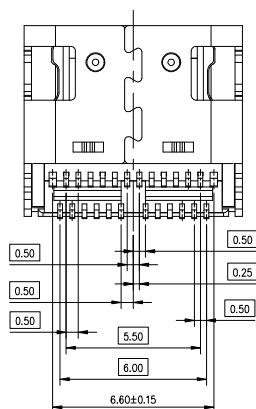
1: GOLD PLATED 1u"

A: GOLD PLATED 15u"

B: GOLD PLATED 30u"

A2: L=0.80mm

A3: L=1.30mm



产品图

PRODUCT CHART DWG

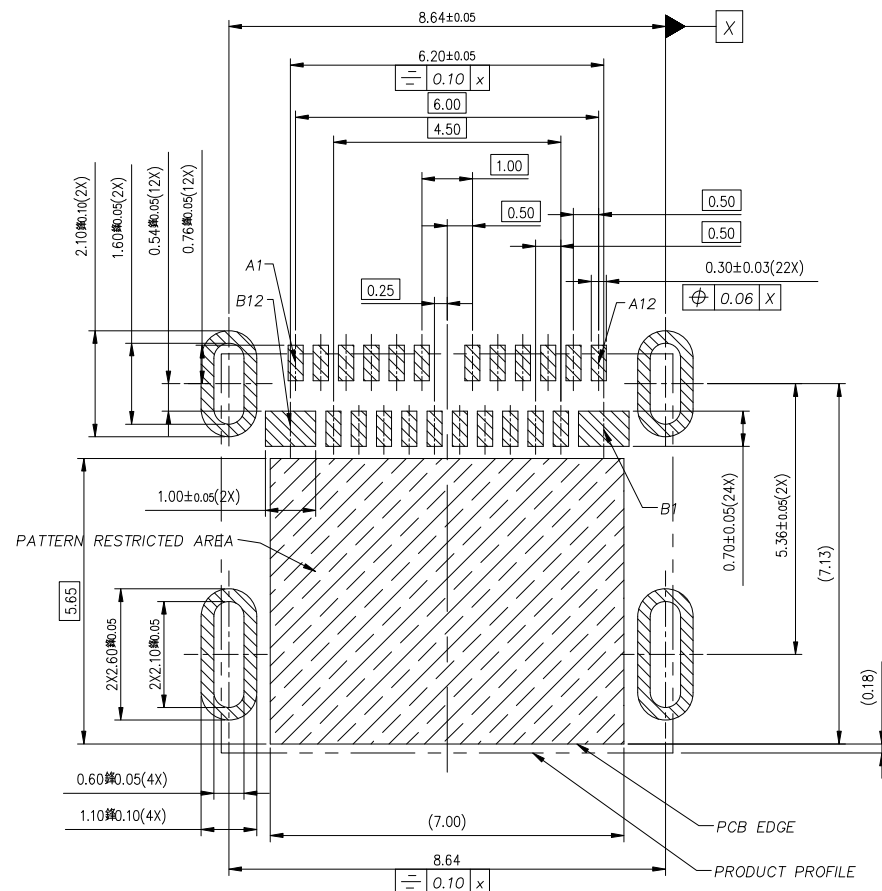
公差一览表

TOLERANCE UNLESS OTHERWISE

X.	±0.25	X.	±5.°
.X	±0.20	.X	±2.°
.XX	±0.05	.XX	±1.°
.XXX	±0.02	.XXX	±0.5°

深圳市精拓金电子有限公司
Shenzhen Jing Tuo Jin Electronics Co., Ltd.

单位 UNITS	MM	制图 DRAWING	YANG	制图料号 PRODUCT PART NO.	产品名称 PRODUCT NO.	USB TYPE C REC TOP MOUNT SMT TAIL
比例 SCALE	1:1	审核 CHKD	郭治富	角法 VIEW	版本 VER	A0
日期 DATE	2020-05-22	核准 APPD	黄国荣			



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ± 0.05

PIN ASSIGNMENT											
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

产品图

PRODUCT CHART DWG

公差一览表

TOLERANCE UNLESS OTHERWISE

X.	± 0.25	X.	$\pm 5^{\circ}$
.X	± 0.20	.X	$\pm 2^{\circ}$
.XX	± 0.05	.XX	$\pm 1^{\circ}$
.XXX	± 0.02	.XXX	$\pm 0.5^{\circ}$

深圳市精拓金电子有限公司
Shenzhen Jing Tuo Jin Electronics Co., Ltd.

单位 UNITS	MM	制图 DRAWING	YANG	制图料号 PRODUCT PART NO.	审核 CHKD	郭治富	产品名称 PRODUCT NO.	USD	TYPE C	REC	TOP MOUNT	SMT	TAIL
比例 SCALE	1:1	日期 DATE	2020-05-22	核准 APPD	黄国荣	角法 VIEW	版本 VER						A0

NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING: LCP UL94 V-0 BLACK.

1-2.CONTACTS: C7025-TM02/C18400-R540 T=0.15mm

1-3.EMI SPRING: SUS304-1/2H T=0.10mm

1-4.FRONT SHELL: SUS304-1/2H T=0.3mm

1-5.MIDDLE BLADE: SUS304-H T=0.15

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

1-30u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

Au GOLD FLASH PLATED ON SOLDER AREA.

2-2.EMI SPRING:

CLEANING ONLY

2-3.FRONT SHELL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

2-4.MIDDLE BLADE:

Ni 50u" MIN. UNDER PLATED OVER ALL.

TIN 120u" Min PLATED ON SOLDER AREA.

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 5~20N

3-2.REMOVAL FORCE: 8~20N FROM 1 TO 1000 CYCLES
6~20N FROM 1001 TO 10000 CYCLES

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING: 5.0A FOR VBUS PINS (Pin A4,A9,B4,B9)

1.25A FOR GND PINS (PIN A1,A12,B1,B12)

0.25A FOR OTHER PINS (PIN A1,A12,B1,B12)

VOLTAGE RATING: 30V

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ

4-3.INSULATION RESISTANCE: 100MΩ MIN.

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -30°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

