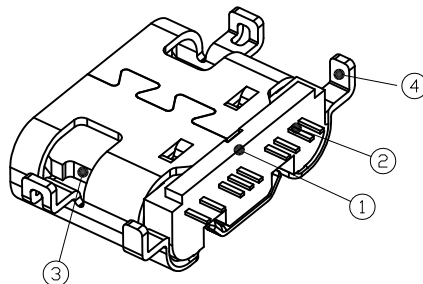
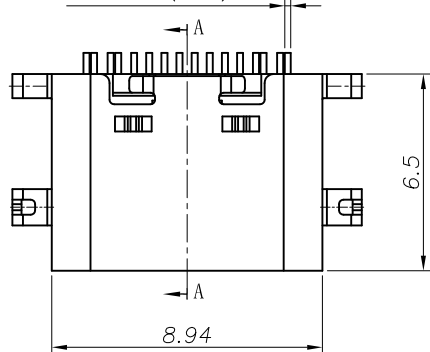


RoHS

MAPX

MODIFICATION

DATE

0.20 $\pm$ 0.05(16X)

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.CONTACTS:COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING:5.0A

VOLTAGE RATING:5.0V

4-2. LLCR:

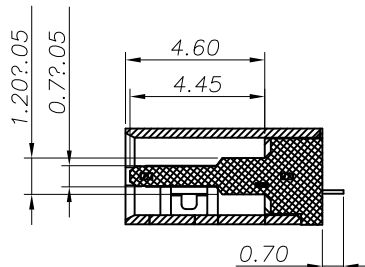
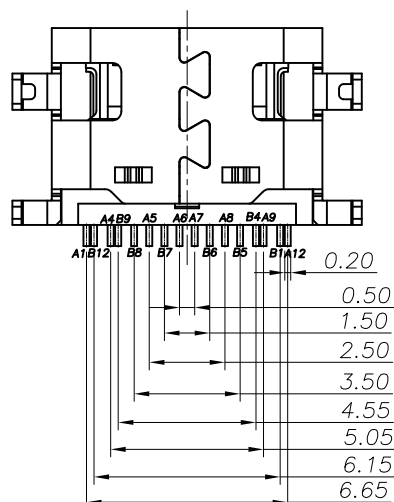
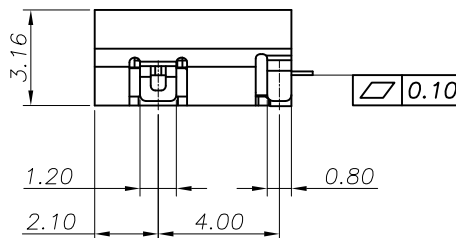
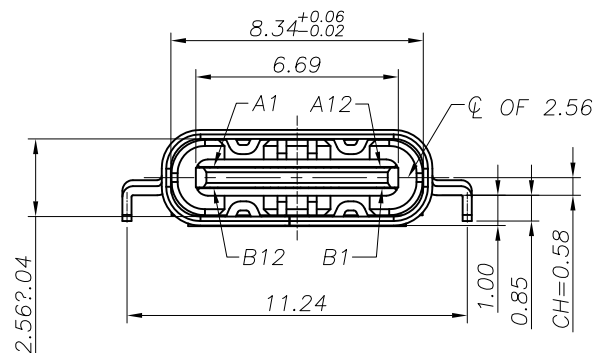
VBUS & GND PINS AND OTHER PINS: 40m Ω /PIN MAX.SHIELD: 50m Ω /MAX.LLCR MAX. CHANGE OF ALL PINS: 10m Ω .4-3.INSULATION RESISTANCE: 100M Ω MIN

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

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25 $^{\circ}$ C~+85 $^{\circ}$ C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260 $^{\circ}$ C.

SECTION:A-A

产品图

PRODUCT CHART DWG

公差一览表

TOLERANCE UNLESS OTHERWISE

X.	± 0.35	X.	$\pm 5^{\circ}$
.X	± 0.20	.X	$\pm 2^{\circ}$
.XX	± 0.10	.XX	$\pm 1^{\circ}$
.XXX	± 0.05	.XXX	$\pm 0.5^{\circ}$

深圳市精拓金电子有限公司

单位

UNITS

MM

制图

DRAWING

Gavin

制图料号

PRODUCT PART NO.

918-418K2023S40003

比例

SCALE

1:1

审核

CHKD

郭治富

产品名称

PRODUCT NAME

TYPE-C3.1 16PF SMT沉板1.0母座单排
短体6.5L

日期

DATE

2016-09-09

核准

APPD

黄国荣

角法

VIEW

版本

VER

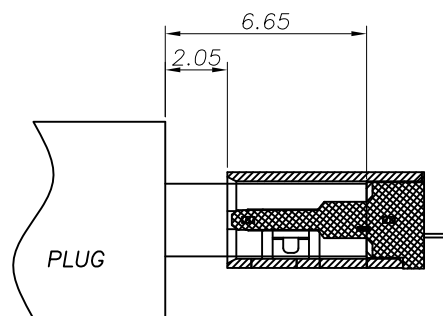
AD

RoHS

MAPX

MODIFICATION

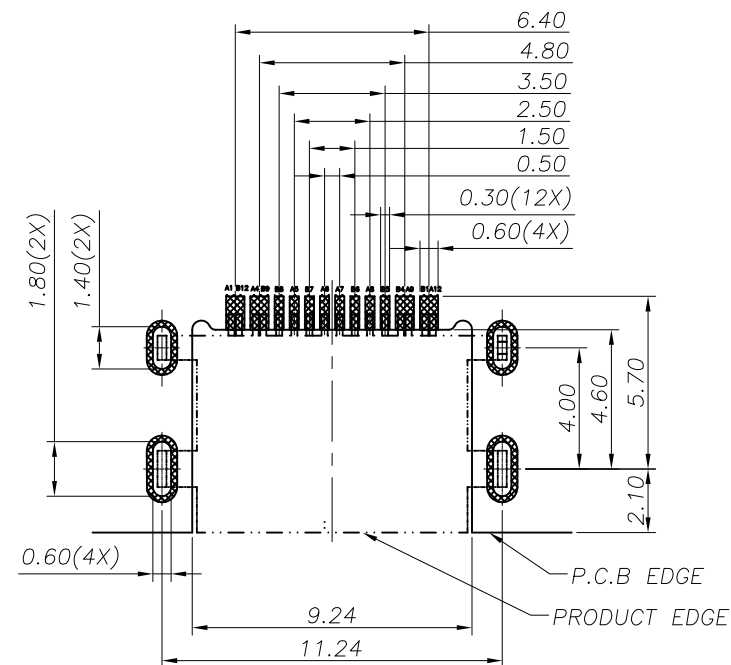
DATE



AFTER MATING

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



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

产品图

PRODUCT CHART DWG

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.X	±0.20	.XX	±2.°
.XX	±0.10	.XXX	±1.°
.XXX	±0.05	.XXX	±0.5°

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MODIFICATION

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REEL OFF SECTION
(16 POCKETS)

1400PCS

PULL OUT DIRECTION
(16 POCKETS)

SEE DETAIL X

PEELING
DIRECTION

165°~180°

PEELING
ANGLE

PULL OUT DIRECTION

ø330

ø13

LABEL

W+0.5

REEL OFF
DIRECTION

W=24.0

PULL OUT
DIRECTION

12.00

PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

330

320

330

产品图

PRODUCT CHART DWG

公差一览表

TOLERANCE UNLESS OTHERWISE

X.	±0.35	X.	±5.°
.X	±0.20	.X	±2.°
.XX	±0.10	.XX	±1.°
.XXX	±0.05	.XXX	±0.5°

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