

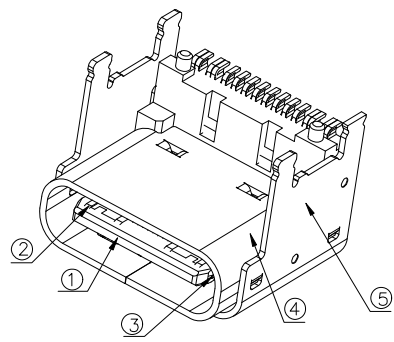
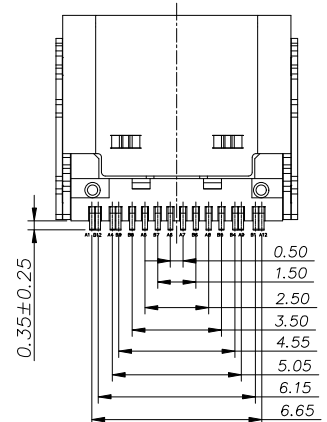
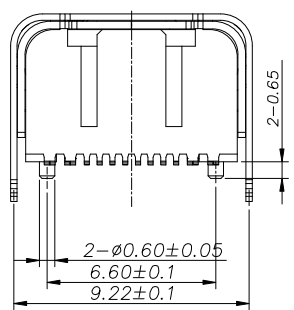
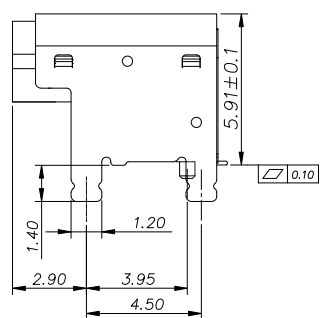
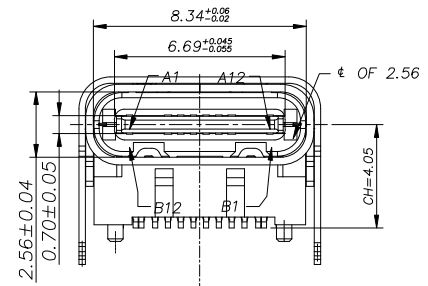
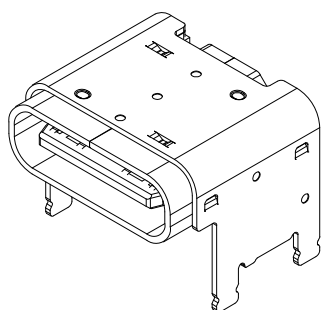
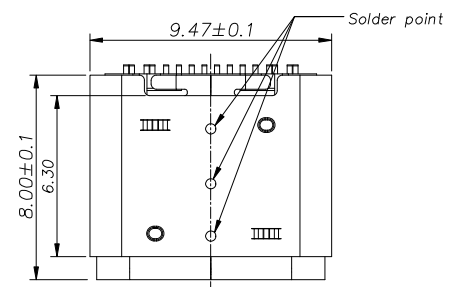
RoHS

MAPX

MODIFICATION

DRW

DATE



NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS:COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.INSIDE SHELL:STAINLESS STEEL
  - 5.OUTSIDE 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)
    - GOLD FLASH PLATING ON SOLDER AREA
  - 2-2.INSIDE SHELL OR OUTSIDE SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 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:5A
  - VOLTAGE RATING: 20V
  - 4-2.INSULATION RESISTANCE: 100MΩ MIN
  - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  - 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
  - AFTER 50MΩ
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -30°C~+80°C.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

5	OUTER SHELL	SUS304 T=0.25MM	Ni 40u"MIN	1PCS
4	INNER SHELL	SUS304 T=0.30MM	Ni 40u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C2680 T=0.15MM	Mating area 1u"Au Solder Tails:G/F Underplate:80u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

产品图  
PRODUCT CHART DWG

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

公差一览表 TOLERANCE UNLESS OTHERWISE		单位 UNITS	MM	制图 DRAWING	YANG	制图料号 PRODUCT PART NO.	918-418K2023S40046
X.	±0.25	X.	±5.°	比例 SCALE	1:1	审核 CHKD	郭治富
.X	±0.15	.X	±2.°	日期 DATE	2020-05-22	核准 APPD	黄国荣
.XX	±0.10	.XX	±1.°	角法 VIEW	角法	版本 VER	A0
.XXX	±0.05	.XXX	±0.5°	产品名称 TYPE-C3.1母座8.0L/9.47W四脚加高2.5CH4.0单排SMT有柱 16PIN			

RoHS

MAPX

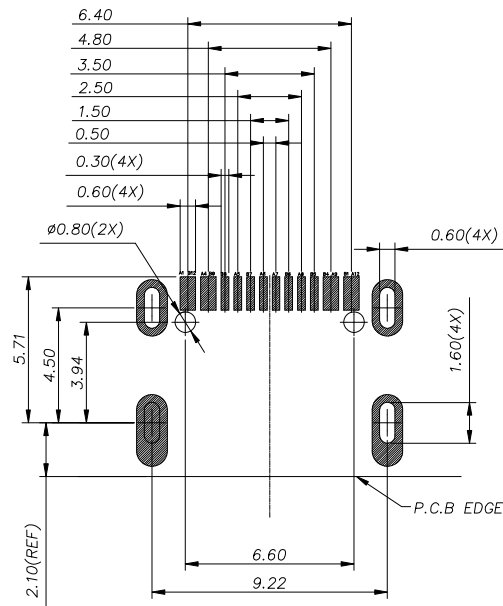
MODIFICATION

DRW

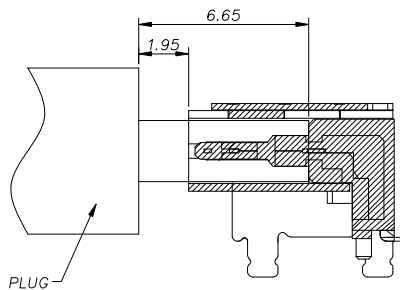
DATE

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



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ± 0.05



AFTER MATING  
SCALE 1:1

产品图 PRODUCT CHART DWG		深圳市精拓金电子有限公司 Shenzhen Jing Tuo Jin Electronics Co., Ltd.							
公差一览表 TOLERANCE UNLESS OTHERWISE				单位 UNITS	MM	制图 DRAWING	YANG	制图料号 PRODUCT PART NO.	
X.	±0.25	X.	±5.°	比例 SCALE	1:1	审核 CHKD	郭治富	产品名称 PRODUCT NO.	type-c 16P板上垫高2.50mm (CH=4.05) 无翻边
.X	±0.15	.X	±2.°	日期 DATE	2020-05-22	核准 APPD	黄国荣	角法 VIEW	版本 VER
.XX	±0.10	.XX	±1.°						A0
.XXX	±0.05	.XXX	±0.5°						

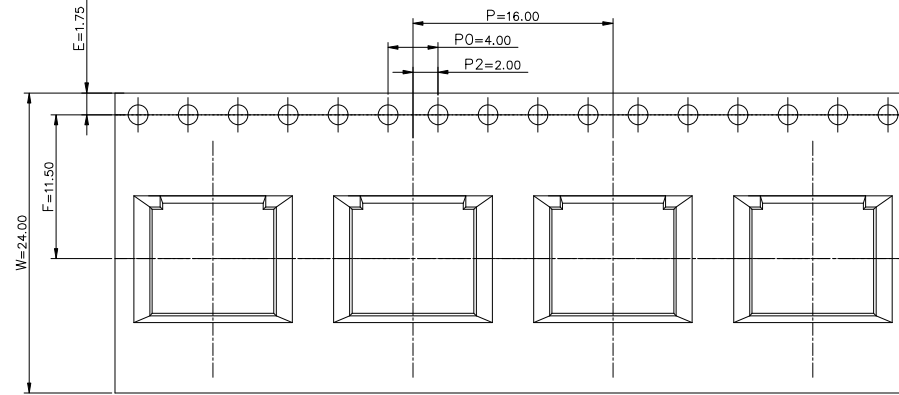
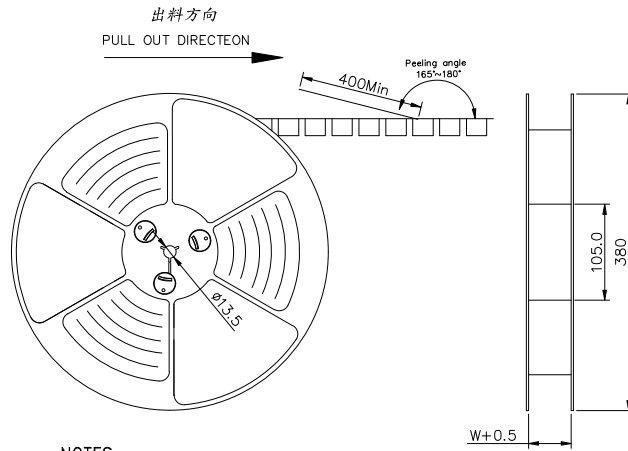
RoHS

MAPX

MODIFICATION

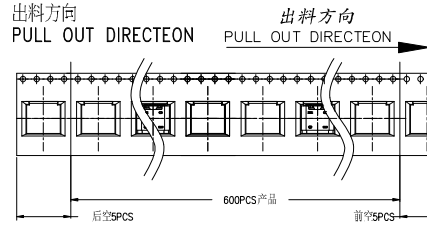
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DATE



NOTES

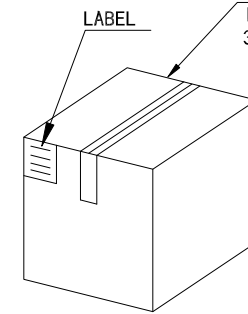
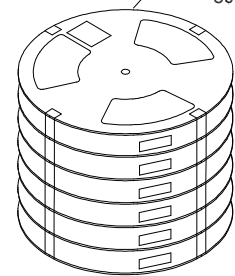
1. 帶子引導長度  
LEAD TAPE LENGTH



2. 上帶剝離力為：0.1~1.3N(10.2gf~130gf)  
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)  
出貨運輸過程中一定注意：  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT：  
卷帶在運輸過程中不能鬆開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

TAPE & REEL 7 PCS

BOX



DIMENSIONS:  
39.5X39.5X20

1 CARTON  
=6 REELS  
=3600 PCS

包裝明細表 (The detail of the packing) Carton

包裝容量(Packing Capacity) 重量 Weight (Kg)

pcs/box	boxes/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
650	6	3900			

产品图

PRODUCT CHART DWG

公差一览表

TOLERANCE UNLESS OTHERWISE

X.	±0.25	X.	±5.°
.X	±0.15	.X	±2.°
.XX	±0.10	.XX	±1.°
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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.
比例 SCALE	1:1	审核 CHKD	郭治富	产品名称 PRODUCT NO.
日期 DATE	2020-05-22	核准 APPD	黄国荣	角法 VIEW

type-c 16P板上垫高2.50mm (CH=4.05)

无翻边

版本  
VER

A0