

A

B

C

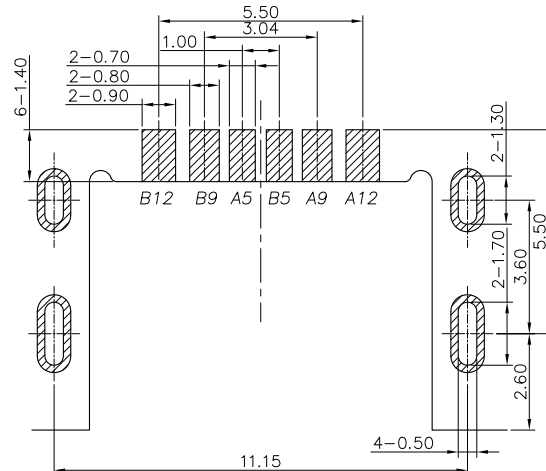
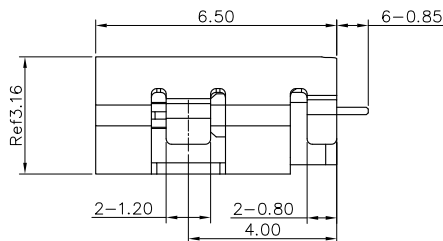
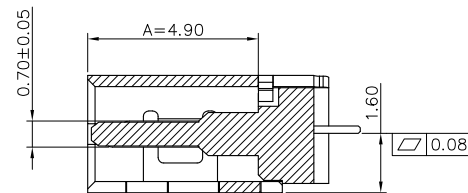
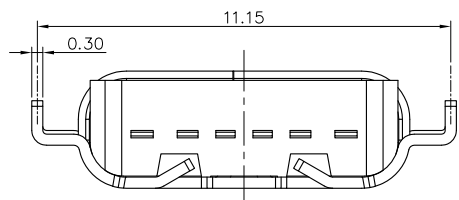
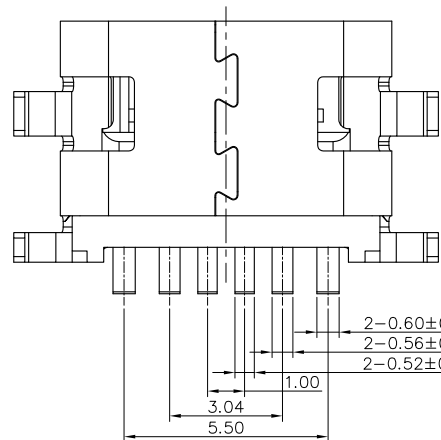
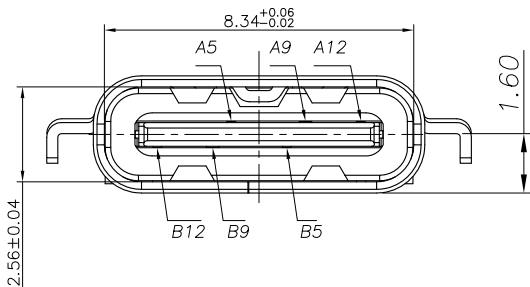
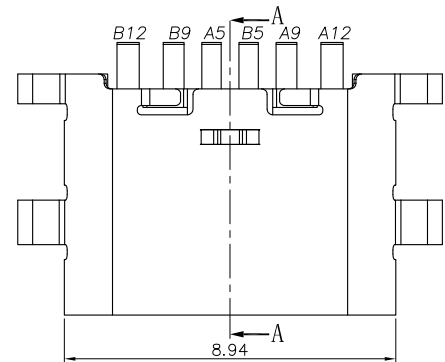
D

E

F

G

12345678910



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

MAPX

MODIFICATION

DATE

NOTE:

1. MATERIAL SPECIFICATION:

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

2. CONTACTS: COPPER ALLOY

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. FRONT 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: 3000 CYCLES.

4. ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING: 5.0A

VOLTAGE RATING: 20V

4-2. INSULATION RESISTANCE: 100M Ω MIN

4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

4-4. LOW CONTACT RESISTANCE: INITIAL 40M Ω / AFTER 50M Ω

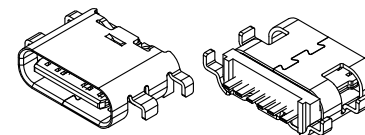
5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -30°C~+80°C.

6. IR REFLOW:

THE PEAK TEMPERATURE ~~ON THE BOARD~~ SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.



PIN NUMBER	SIGNAL NAME
A5	CC1
A9	VBUS
A12	GND
B12	GND
B9	VBUS
B5	CC2

产品图

PRODUCT CHART DWG

公差一览表

TOLERANCE UNLESS OTHERWISE

X.	± 0.30	X.	$\pm 5.^\circ$
.X	± 0.25	.X	$\pm 2.^\circ$
.XX	± 0.15	.XX	$\pm 1.^\circ$
.XXX	± 0.10	.XXX	$\pm 0.5^\circ$



易芯精密科技(浙江)有限公司

Easychips Precision Technology (Zhejiang) Co., Ltd.

单位	MM	制图	GR	制图料号	C918-EC418K2024S40006
UNITS	MM	DRAWING	GR	PRODUCT PART NO.	C918-EC418K2024S40006
比例	1:1	审核	GT	产品名称	TYPE-C3.1 6PF SMT沉板1.6母座
SCALE	1:1	CHKD	GT	PRODUCT NO.	单排短体6.5L
日期	2019. 11. 23	核准	ZY	角法	版本
DATE	2019. 11. 23	APPD	ZY	VIEW	VER
					AO