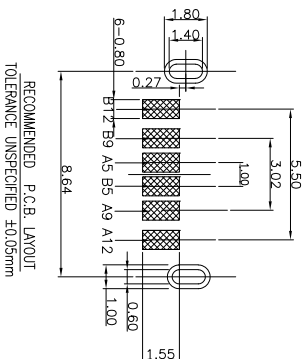
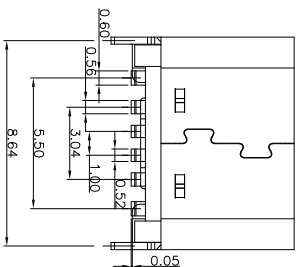
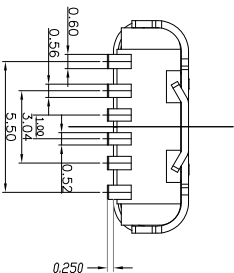
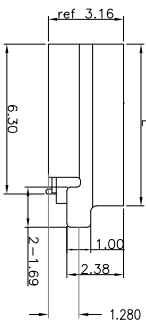
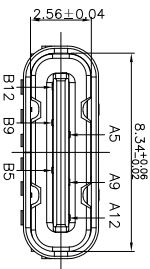
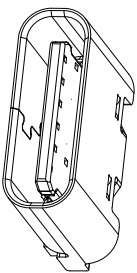
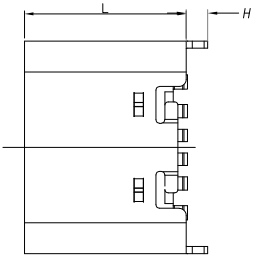




RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

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 50μ" 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:

SEE TABLE.

2-3. SHIELD PLATE/END 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: 5000 CYCLES.

4. ELECTRICAL PERFORMANCE.

4-1. CURRENT RATING: 3.0A

VOLTAGE RATING: 5.0V

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: -25° C~+85° C.

6. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260° C.

PIN ASSIGNMENTS

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

X. ±0.30	X.° ±5°	UNITS mm
.X ±0.20	.X° ±2°	MA7L
.XX ±0.10	.XX° ±1°	
.XXX ±0.05	.XXX° ±0.5°	FINISH

TYPE C
CONNECTOR

QTY

NAME/(INTENDED USE)

PART NO. (INTENDED USE)

TITLE:
TYPE C 6P 180度插板SMT

MINTRON CO., LTD.

APPD: SUNNY

DWG NO.: 00723-UCAF005-X

CHKD: LISA

SCALE SHEET REV.

DR: ZOE 2022-06-10



1/1 1/1 A