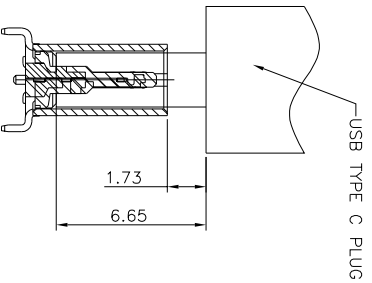
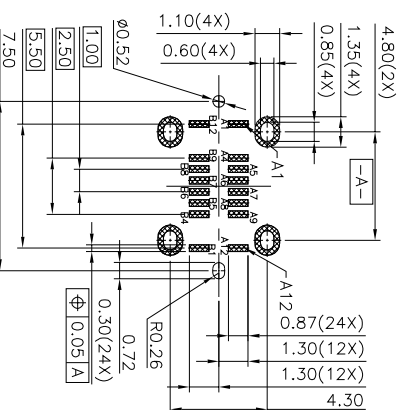


SECTION A-A



USB TYPE C PLUG

FEMALE AND MALE MATCHING DRAWING.



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS: 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

- NOTE:
- 1.MATERIAL SPECIFICATION:
1.1.HOUSING:LOP,U194 V-0.
 - 2.TERMINAL: COPPER ALLOY(C1814)
 - 3.MID PLATE: STAINLESS STEEL(SUS301)
 - 4.FRONT SHELL: STAINLESS STEEL(SUS304)
- 2.PLATING SPECIFICATION:
- 2-1.TERMINAL:
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:
IN 50μ" 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. VOLTAGE RATINGS: V DC/AC (RMS. max)
CURRENT RATINGS: AMPS. FOR TOTAL VBUS/GND PINS:
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 - 4-2. ILCR:
VBUS & GND PINS AND OTHER PINS: 40mD/PIN MAX.
SHIELD: 50mD/MAX.
ILCR 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:
- 6.IR REFLOW: OPERATING TEMPERATURE: -25°C~+85°C.
 - 6.IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 280°C.

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

UNITS: mm

GENERAL TOLERANCES

X ± 0.25	0. X ± 0.25
X ± 0.2	0. X ± 0.2
X ± 0.1	0. XX ± 0.1

CSCONN

PART NO.(INTENDED USE)
CJS31166401006

CSCONN PRECISE ELECTRONICS CO.,LTD

TITLE: USB TYPE C FEMALE 16P 6.4MM立贴

DWG NO. USB



SCALE SHEET REV

1:1 1 OF 1 A

E

D

C

B

A

1 2 3 4 5 6 7 8

E

D

C

B

A