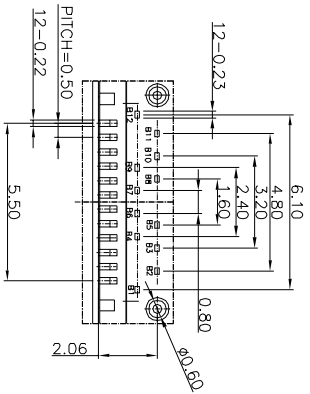
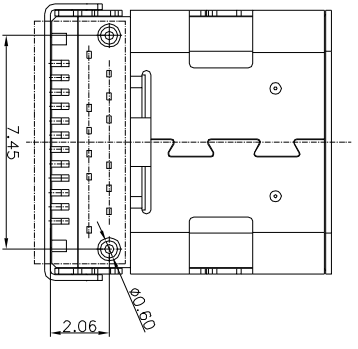
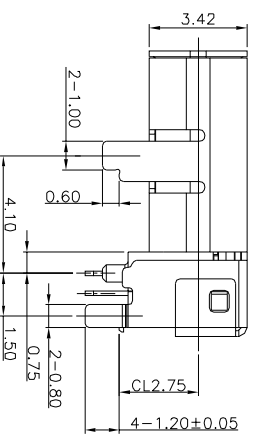
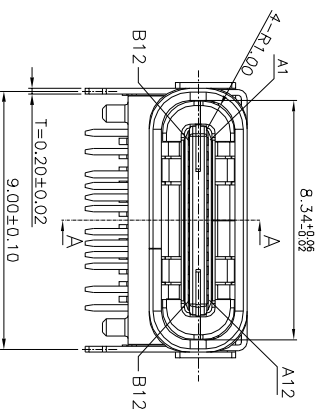


Section A-A
Scale 1:1



Detail A
Scale 1:1

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 1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 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. LCCR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LCCR 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: -40°C~+85°C.
 6. I.R REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

UNITS: mm

GENERAL TOLERANCE

X . F5° 0.X±0.25

X . F2° 0.X±0.2

X ±1° 0.XXX±0.1

CSCONN

PART NO. (INTENDED USE)

CUS31120701003

CSCONN PRECISE ELECTRONICS CO.,LTD

TITLE: USB TYPE C FEMALE CL2.75 DIP 1=10.0MM

DWG NO. USB

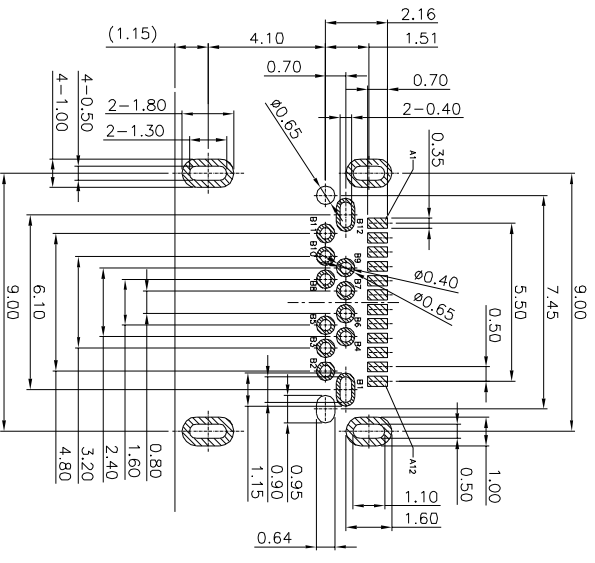
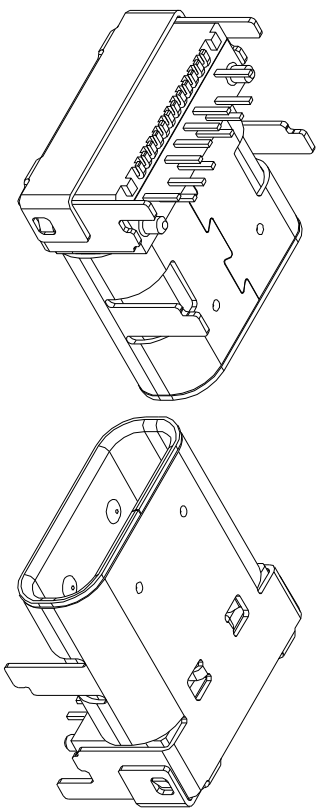
APPD: Skila

CHKD: Kitty

DR: Kitty

SCALE SHEET REV

1:1 1 OF 2 A



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

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

Pin	Signal Name	Description	Pin	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSTXp1	Positive half of first SuperSpeed TX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSTXn1	Negative half of first SuperSpeed TX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	CC1	Configuration Channel
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dp1	Positive half of the USB 2.0 differential pair-Position 1
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dn1	Negative half of the USB 2.0 differential pair-Position 1
A8	RFU1	Reserved for Future Use (RFU)	B5	RFU1	Reserved for Future Use (RFU)
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSRXn2	Negative half of second SuperSpeed RX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSRXp2	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground return	B1	GND	Ground return

UNITS: mm		CSCONN		CSCONN PRECISE ELECTRONICS CO.,LTD	
GENERAL TOLERANCE		PART NO.(INTENDED USE)		TITLE:	
X° ±6°	0.X±0.25	CUS31.207/01003		USB TYPE C FEMALE CL2. 75 DTP L=10.0MM	
X.1±2°	0.XX±0.2	APPD:		DWG NO.	
XX ±1°	0.XXX±0.1	CHKD: Sk11a		USB	
		DR: Kitty		SCALE SHEET REV	
				1:1 2 OF 2 A	