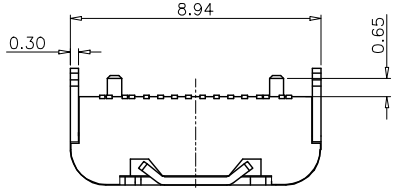
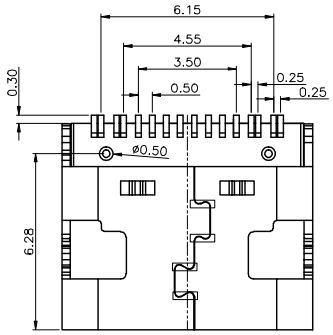
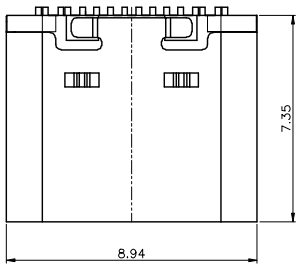
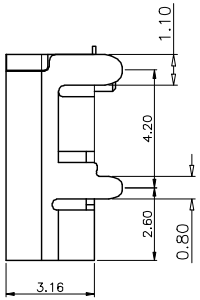
申明：凡是没有产品料号或有"PRELIMINARY"标示的产品图均为临时图面暂不能生产/DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH "PRELIMINARY" LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

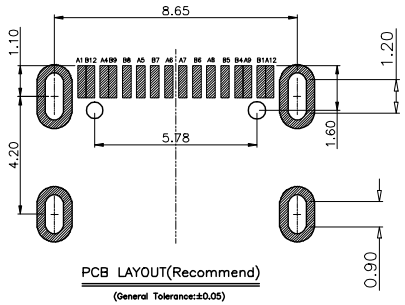
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
B	ECN NO.	UPDATE THE DRAWING	2019.05.25	Yuxiaobin
C	ECN NO.	UPDATE THE DRAWING	2020.04.30	SYJ

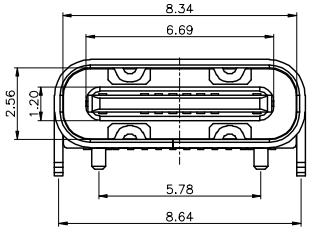












NOTE:
1.MATERIAL SPECIFICATION:
1.HOUSING:LCP E130i
2.TERMINAL: COPPER ALLOY(C2680)
3.FRONT SHELL: STAINLESS STEEL(SUS201)
2.PLATING SPECIFICATION:
2−1.TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
2−2.FRONT SHELL:
PLATING SPECIFICATIONS FOLLOW THE P/N
2−3.MID PLATE:
CLEAR ONLY
3.MECHANICAL PERFORMANCE,
3−1.INSERTION FORCE: 0.5~1.2kgf.
3−2.REMOVAL FORCE: 0.6kgf~1.5kgf.
3−3.DURABILITY: 5000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4−1. VOLTAGE RATING:5 V DC/AC (RMS. max)
CURRENT RATING:3 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
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.

USB TYPE−C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	浙江创都电子科技有限公司
X.X ±0.30	X.° ±10°	PART NO.	TITLE: TYPE-C-16P-BS-7.35-*
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°	DESIGN: DRAW	DRAWG NO.
UNITS	mm	CHED:	SCALE / SHEET / REV.
MATERILA		APPD:	SCALE / SHEET / REV
FINISH			