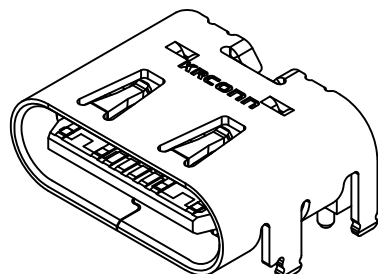
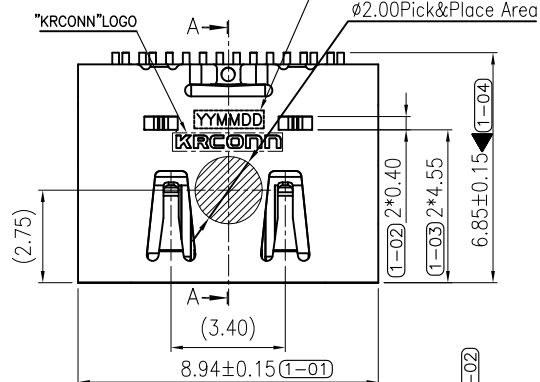
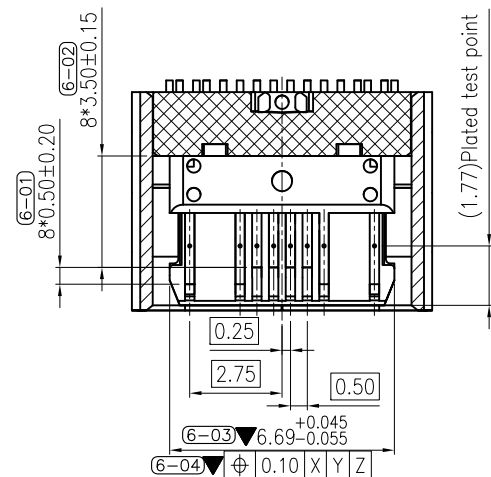




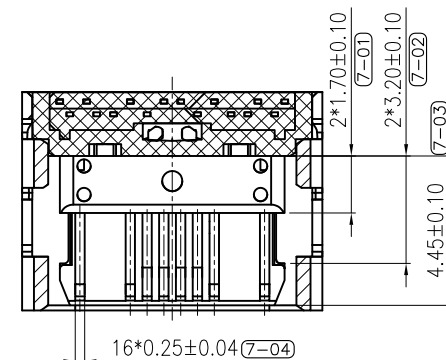
YY MM DD
day:01,02,03
month:01,02,03
year:23,24,25
Date Code:



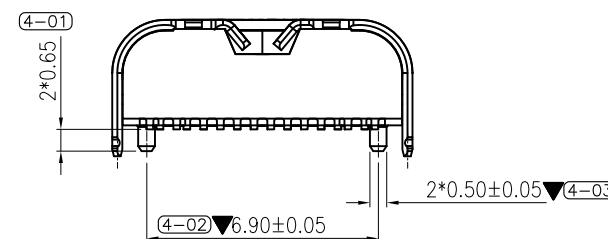
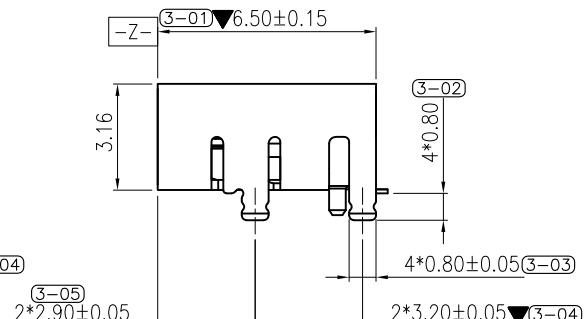
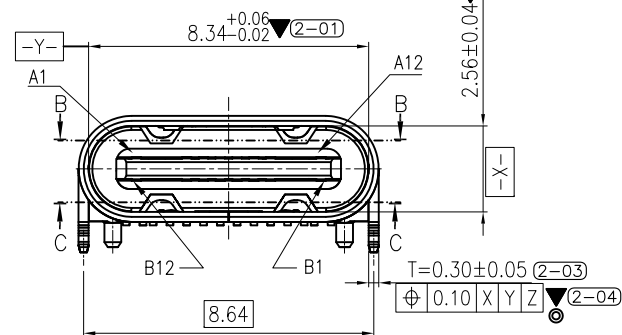
3d view
Front



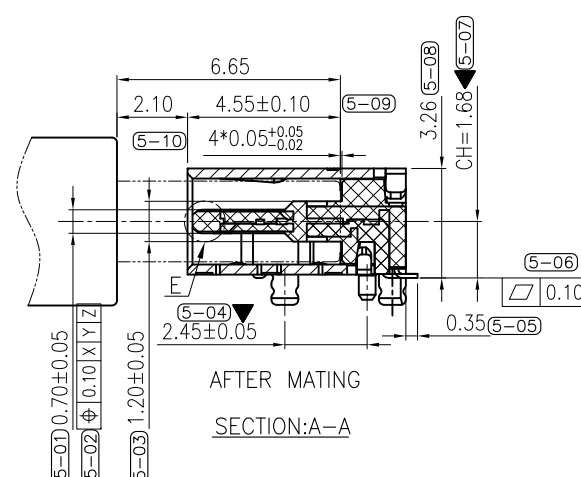
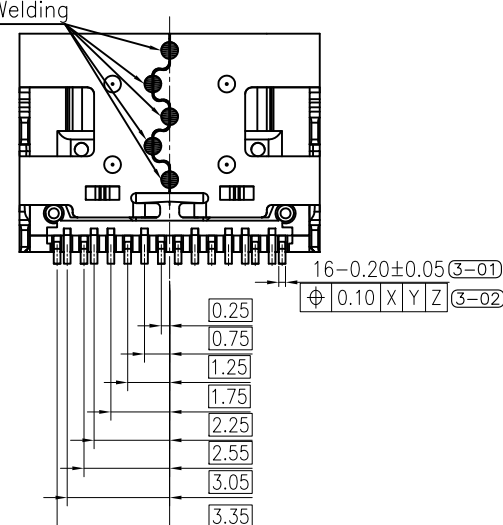
SECTION:B-B



SECTION:C-C

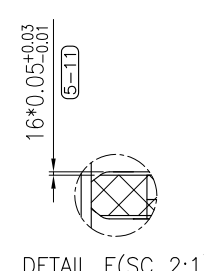


Laser Welding



AFTER MATING

SECTION:A-A



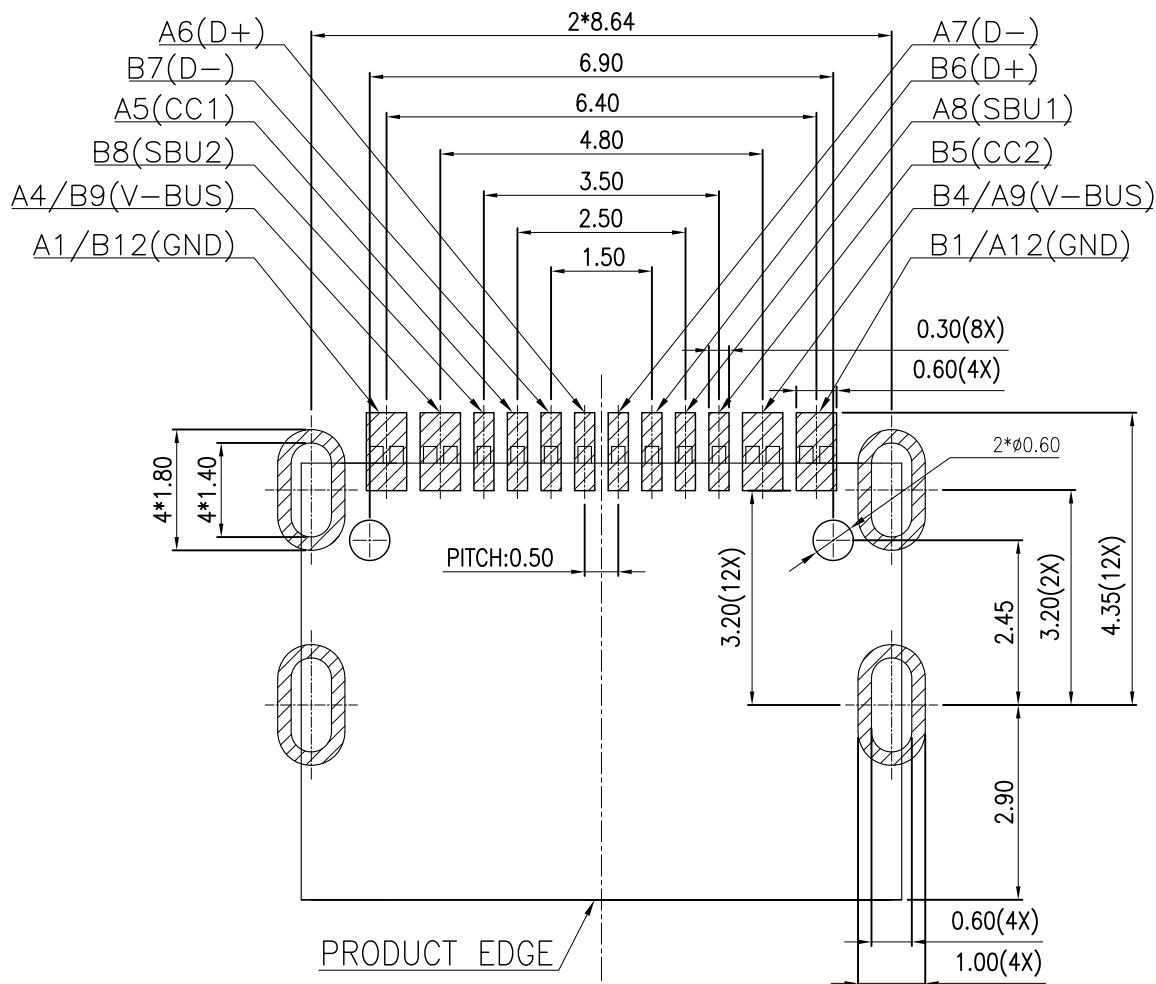
DETAIL E(SC 2:1)

品质管控等级要求		
符号	等级	产品管控要求
▼	重点要求	巡检, 定义检验频率
▽	特殊性要求	CPK>1.33
◎	全检要求	自动机检验

UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE Type.C 16PIN SMT L6.5mm CONN.			
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR66-32111605-T5	
X.X :±0.30	X.X :±1°	CHKD	chenjun	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Kevin.d	SIZE: A4	SHEET:10F 2
X.XXX :±0.10		DRAW NO. C-DWG-TCR66-T5		CUSTOMER COPY	

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 0.80±0.05mm
DEFAULT TOLERANCE: ±0.05mm

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2023.12.20

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: Vbus 5A, Vconn Pin 1.25A All Other pins:0.25A.
- 1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.4 INSULATION RESISTNACE: 100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: Initial:5~20N;Durability:5~20N(10000cycles);
- 2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(10000cycles);
- 2.3 DURABILITY:10000 CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

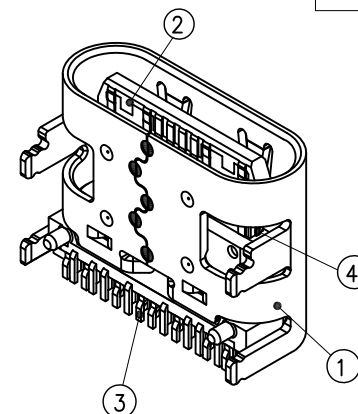
- 3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C

3.2. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

TCR66-32111605-T5
PRODUCT ORDER

On Board Hight/32=3.2mm
COLOUR/1=BLACK HOUSING
POST/1=With Dull Post
Pin Number/16=16Pin
Plating On Contact Area./05=Au15u"
Services Number.



④	MID PLATE	1 PCS	SUS301-H	NO SURFACE TREATMENT
③	CONTACT	1 SET	C7025-TM02	Ni 50u"min. UNDER PLATED OVER ALL. CONTACT AREA:15u"Au BRUSH PLATING SOLDER AREA:1u"Au"
②	HOUSING	1 PCS	PA10T	COLOR: BLACK
①	SHELL	1 PCS	SUS304	Ni 50u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFED TOLERANCES			深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD	
DECIMALS:		ANGLES:		TITLE
X	:±0.5	X	:±2°	Type.C 16PIN SMT L6.5mm CONN.
X.X	:±0.30	X.X	:±1°	DWN chenjun
X.XX	:±0.20			CHKD chenjun
X.XXX	:±0.10			APVD Kevin.d
DRAW NO. C-DWG-TCR66-T5			CUSTOMER COPY	