

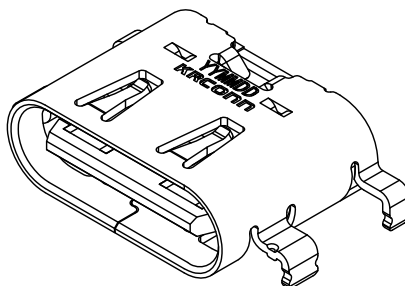
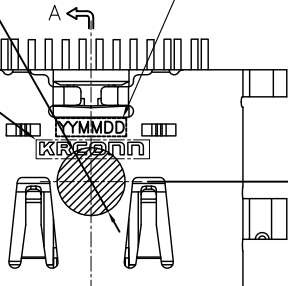


YY MM DD
day:01,02,03
month:01,02,03
year:24,25,26

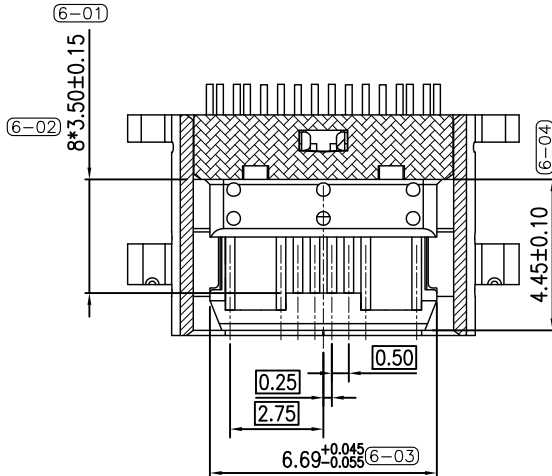
Date Code:

Ø2.00(Pick&Place Aera)

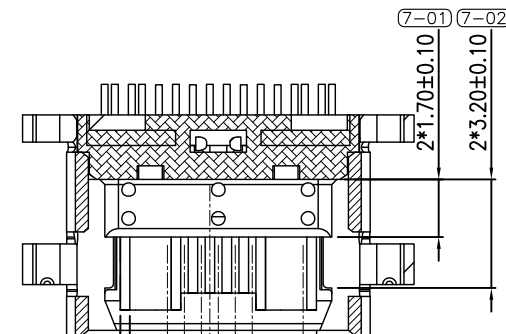
"KRCONN"LOGO



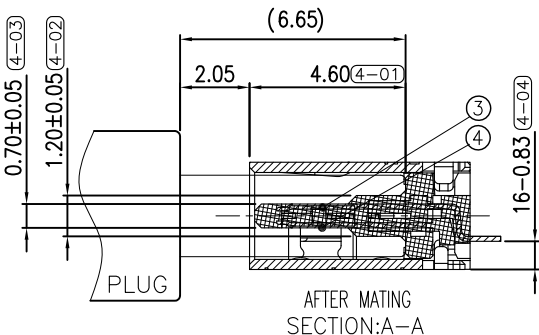
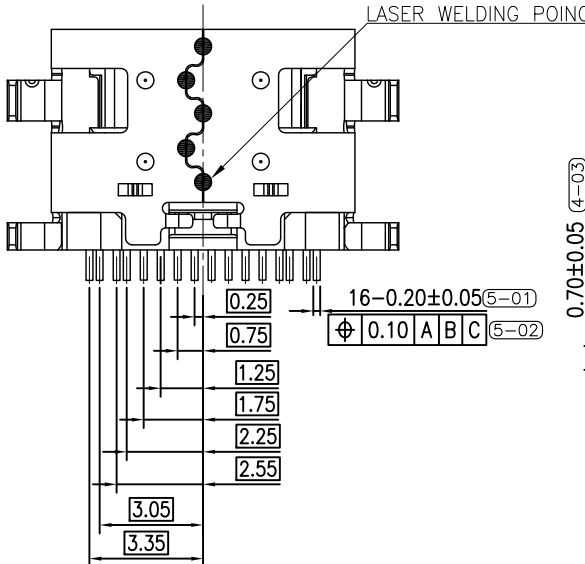
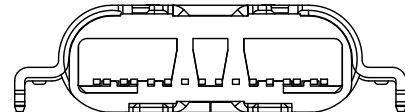
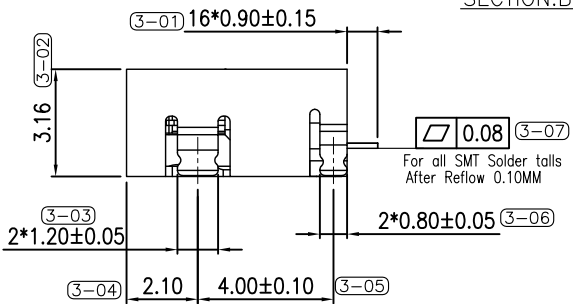
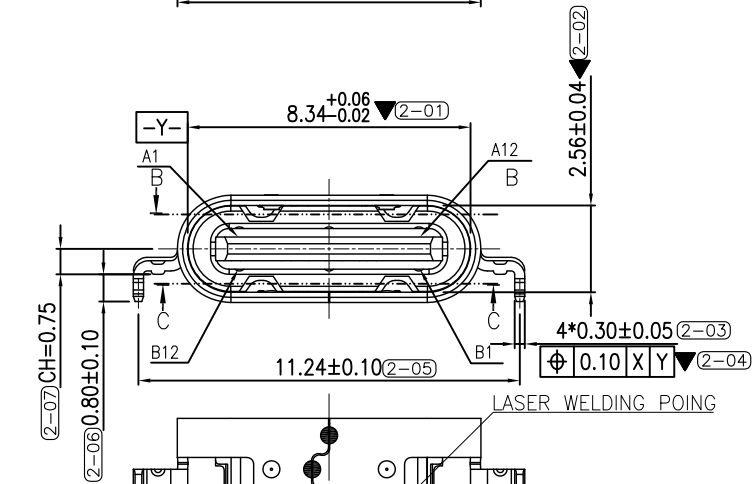
3d view
front



SECTION:B-B



SECTION:C-C



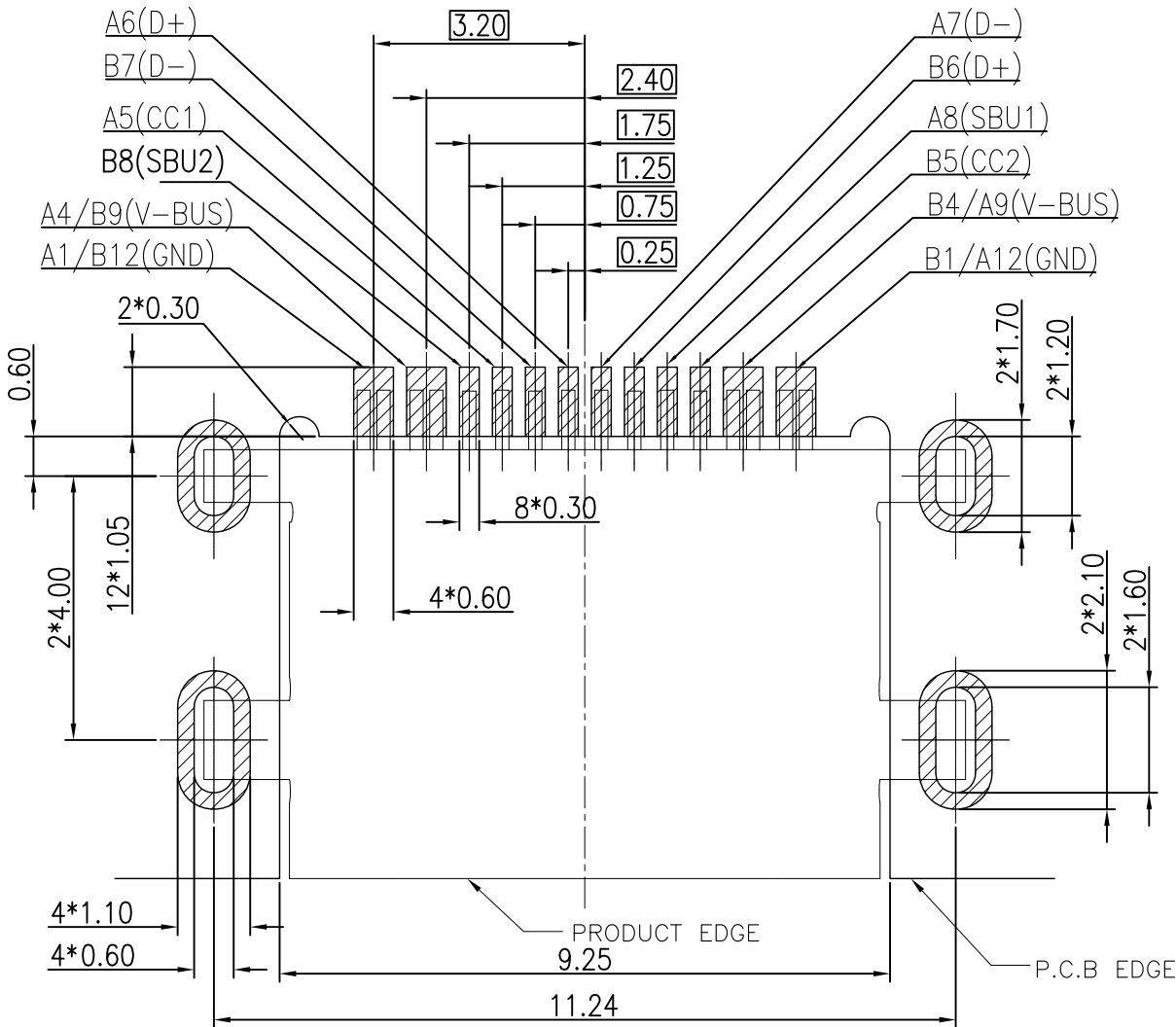
AFTER MATING
SECTION:A-A

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:		TITLE Type.C 16PIN L=6.5MM CONN. RECPTACLE CH=0.75mm 4DIP TYPE			
X	:±0.5	X	:±2°	DWN	chenjun
X.X	:±0.30	X.X	:±1°	PART NO.	TCR16-24121605-T5
X.XX	:±0.20	SCALE:1:1	UNIT: mm	CHKD	chenjun
X.XXX	:±0.10	SIZE: A4	SHEET:10F3	APVD	Kevin.d
		DRAW NO. C-DWG-TCR16-T5	CUSTOMER COPY		



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



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
DEFAULT TOLERANCE: $\pm 0.05\text{mm}$

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	ERIC	2024.03.01

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

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

2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);
- 2.3 DURABILITY:10,000CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

- 3.1 TEMPERATURE RANGE: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- 3.2. IR REFLOW:

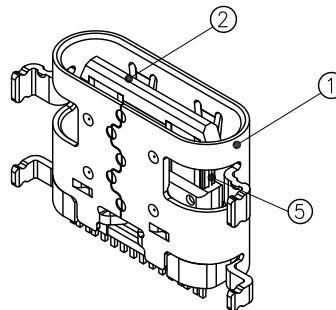
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C .

4.PART NO.:

TCR16-24121605-T5

PRODUCT ORDER

HEIGHT ON BOARD 24=2.4mm
COLOUR/1=BLACK HOUSING
POST/2=Without Dull Post
Pin Number /16=16Pin
Plating On Contact Area./05=Au15u"
Series NO.
SEE Detailed List



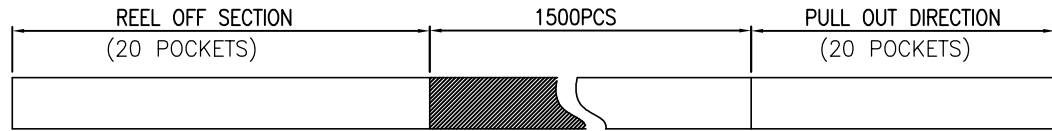
⑤	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
④	CONTACT B	1 SET	COPPER ALLOY	Ni 50u"-150u". UNDER PLATED OVER ALL. CONTACT AREA:15u"Au BRUSH PLATING SOLDER AREA:1u"Au"
③	CONTACT A	1 SET	COPPER ALLOY	
②	HOUSING	3 PCS	THERMOPLASTIC	COLOR: BLACK&WHITE
①	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.

NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
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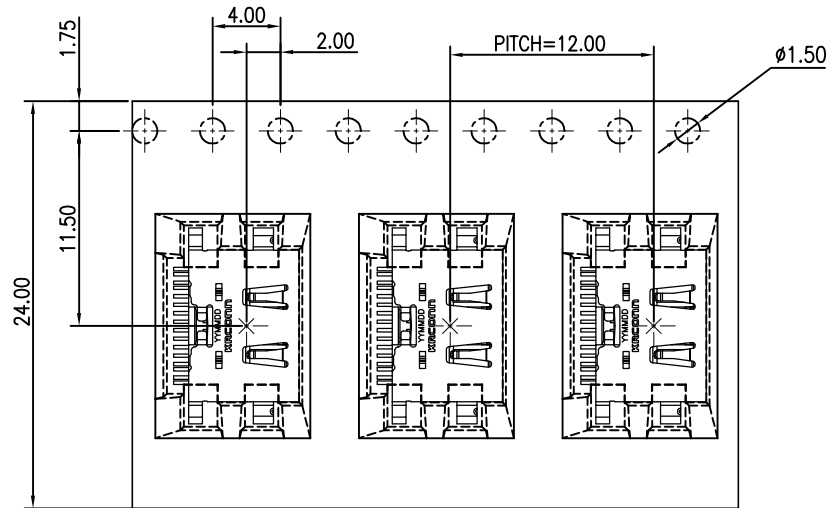
UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD			
DECIMALS:		ANGLES:		TITLE	
X	: ± 0.5	X	: $\pm 2^{\circ}$	DWN	chenjun
X.X	: ± 0.30	X.X	: $\pm 1^{\circ}$	CHKD	chenjun
X.XX	: ± 0.20			APVD	Kevin.d
X.XXX	: ± 0.10			DRAW NO. C-DWG-TCR16-T5	
				CUSTOMER COPY	



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2024.03.01

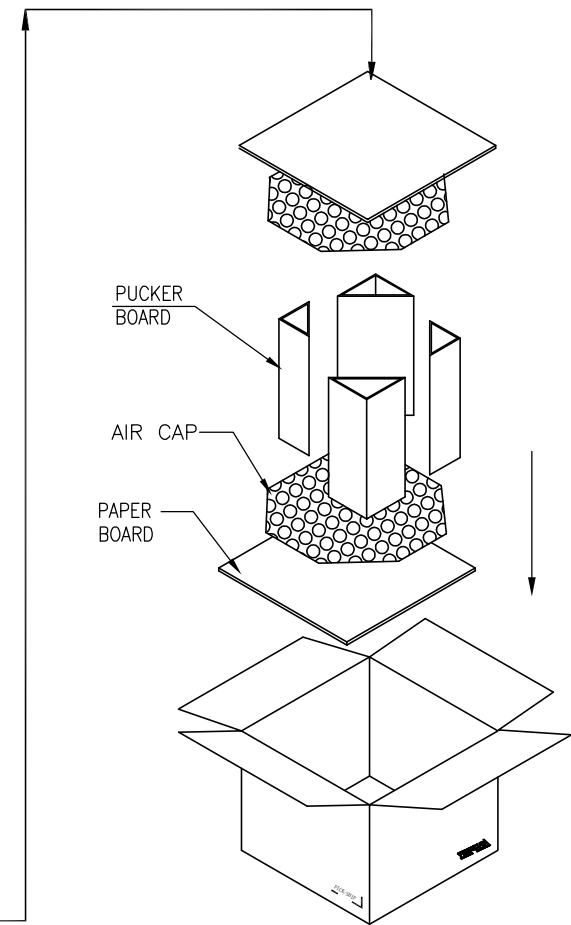
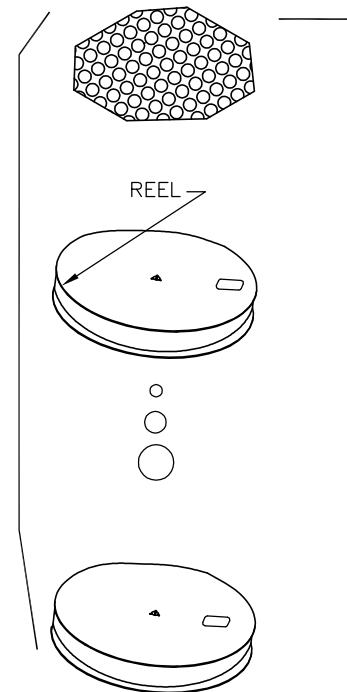
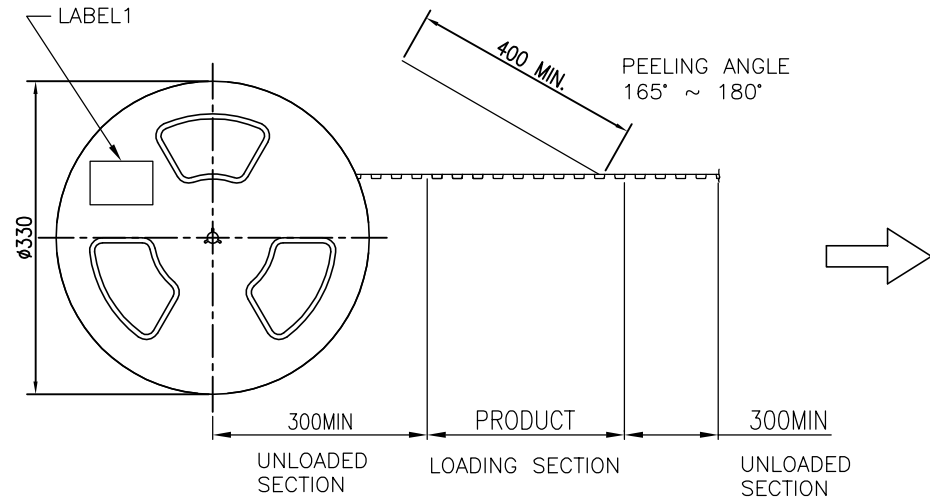


CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR16-24121605-T5	1500	10	15000 PCS



CUSTOMER TO USE DIRECTION (出料方向)

TOTAL 10LAYERS



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 L=6.5MM CONN. RECPTACLE CH=0.75mm 4DIP TYPE		
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR16-24121605-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:30F3
X.XXX :±0.10		DRAW NO. C-DWG-TCR16-T5		CUSTOMER COPY	