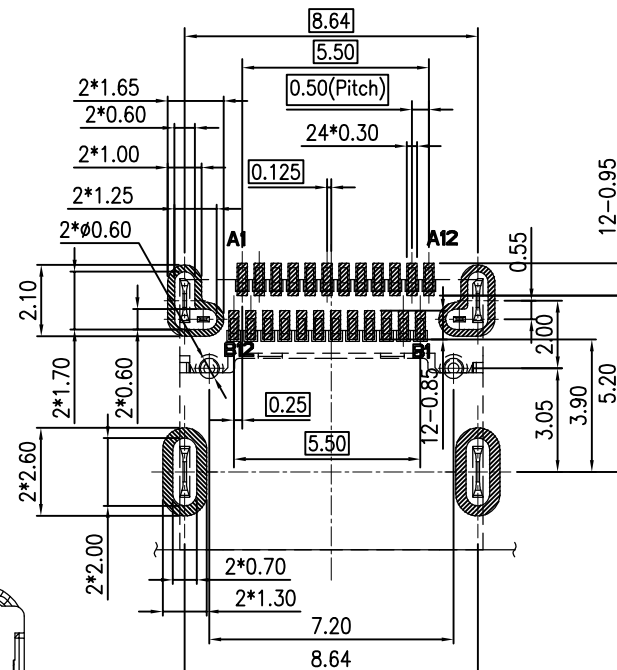
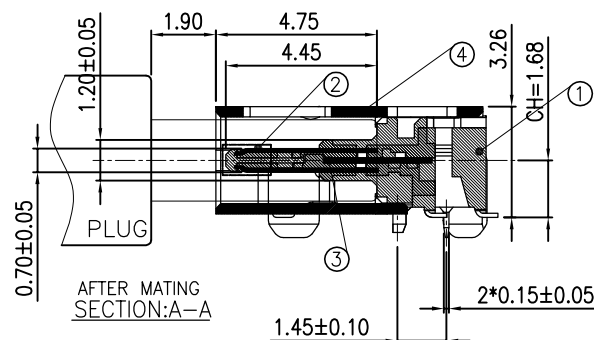
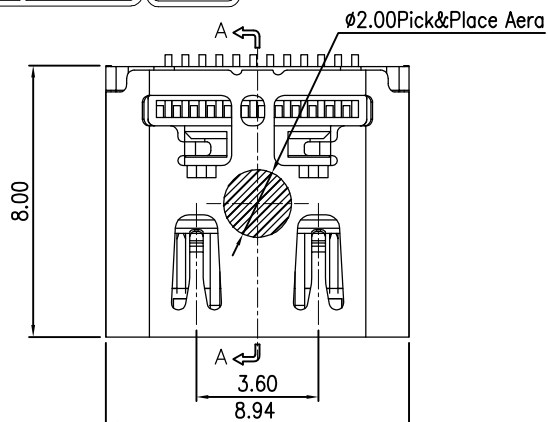




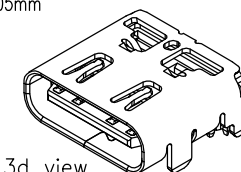
PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND

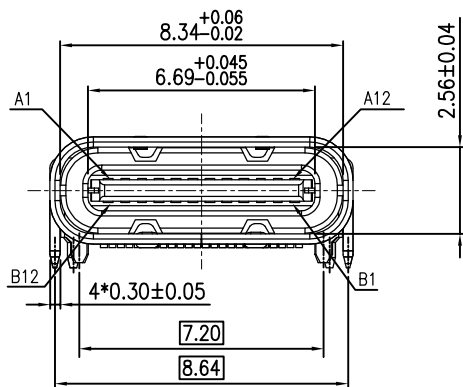
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	ERIC	2025.09.26



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
DEFAULT TOLERANCE: ±0.05mm



3d view
front



LASER WELDING POINT

SPECIFICATION:

- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)
1.25A/Pin MAX(A1,A12,B1,B12),0.25A(OTHER PIN)
 - CONTACT RESISTANCE: 40 MILLIONHM MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 5~20N
 - EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);
 - DURABILITY:10,000CYCLES
- ENVIRONMENTAL CHARACTERISTICS:
 - TEMPERATURE RANGE: -40 °C ~ 85 °C
 - IR REFLOW:

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

4.PART NO.:

TCR06-32112402-D2

TC=TYPE.C CONN.
R=RECAPTACLE
Product Order
32:HEIGHT ON BOARD 3.2mm
1=BLACK HOUSING
1=WITH DULL POST
D2= Services NO.
02=3u" Au Plating
On Contact Area
Pin NO. 24=24Pin

⑤	MID PLATE	1 PCS	SUS301	NO SURFACE TREATMENT
④	CONTACT B	1 SET	C1814	Ni 30u" MIN. UNDER PLATED OVER ALL. Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
③	CONTACT A	1 SET	C1814	(GOLD PLATING THICKNESS FOLLOW THE P/N) PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
②	HOUSING	3 PCS	PA10T	COLOR: BLACK
①	SHELL	1 PCS	SUS304	Ni 30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

UNLESS OTHERWISE
SPECIFIED TOLERANCES



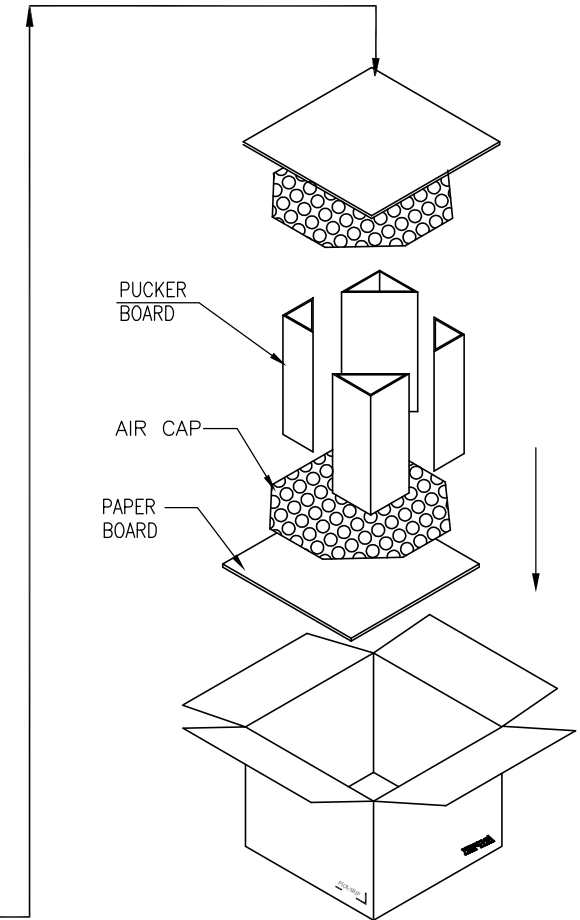
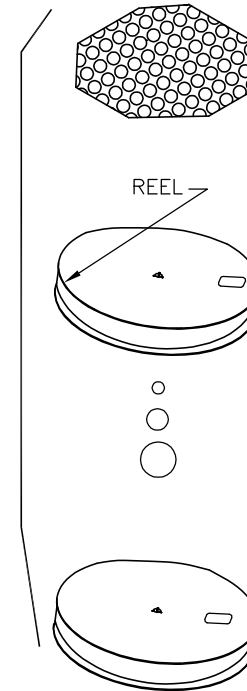
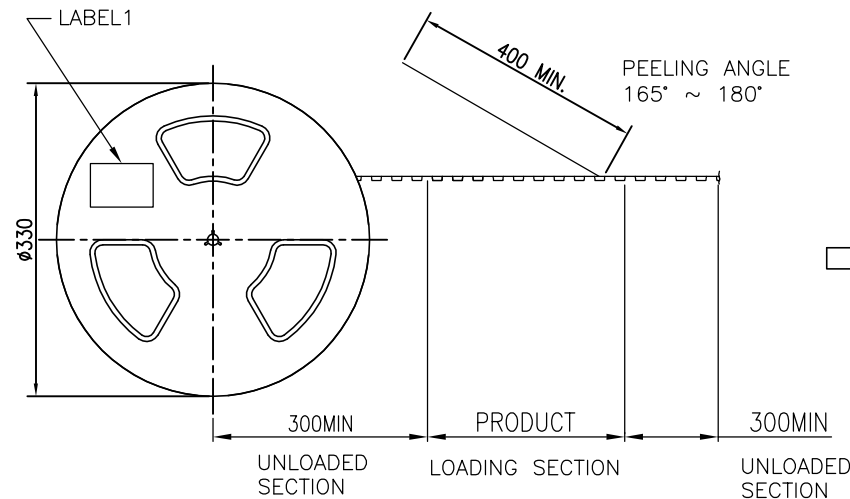
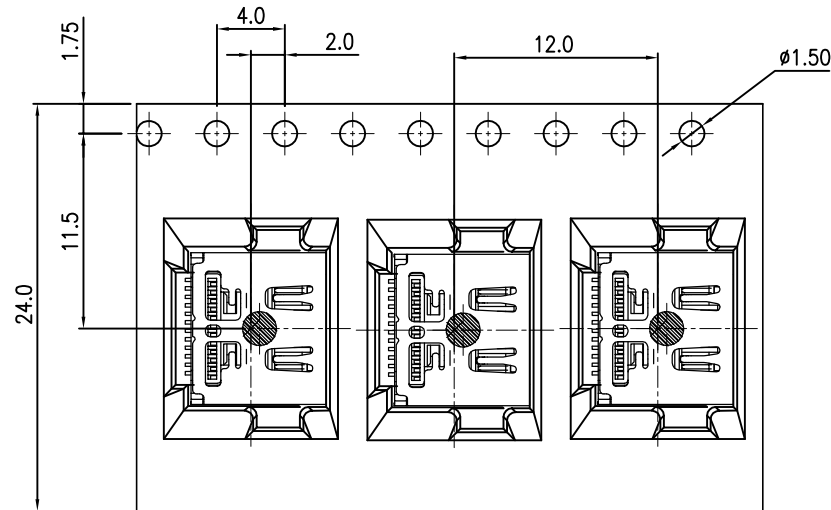
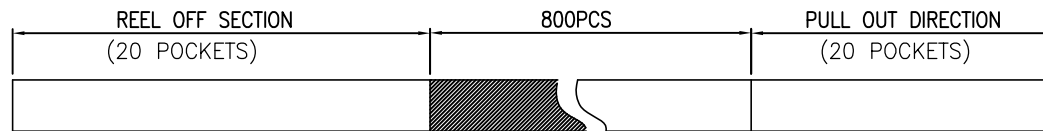
深圳市精睿兴业科技有限公司
SHENZHEN KRCONN TECHNOLOGY CO., LTD

DECIMALS:	ANGLES:	TITLE	Type.C 24PIN L=8.0mm DULL SMT CONN. REC.		
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR06-32112402-D2	
X.X :±0.30	X.X :±1°	CHKD	chenjun	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Kevin.d	SIZE: A4	SHEET:10F1
X.XXX :±0.10					REV: A
DRAW NO. C-DWG-TCR06-D2				CUSTOMER COPY	



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2025.09.26

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR06-32112402-D2	800	10	8000 PCS



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 24PIN L=8.0mm DULL SMT CONN. REC.		
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR06-32112402-D2	
X.X :±0.30	X.X :±1°	CHKD	chenjun	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Kevin.d	SIZE: A4	SHEET:10F1
X.XXX :±0.10		DRAW NO. C-DWG-TCR06-D2		CUSTOMER COPY	