

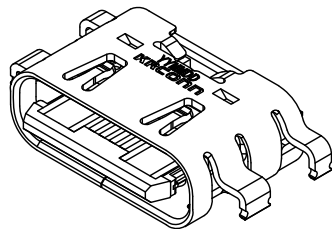


YY MM DD
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month:01,02,03
year:23,24,25

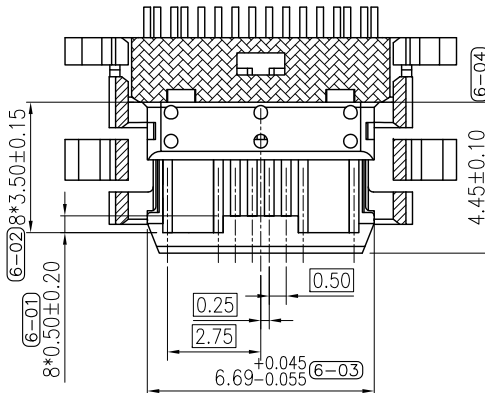
Date Code:

"KRCONN" LOGO

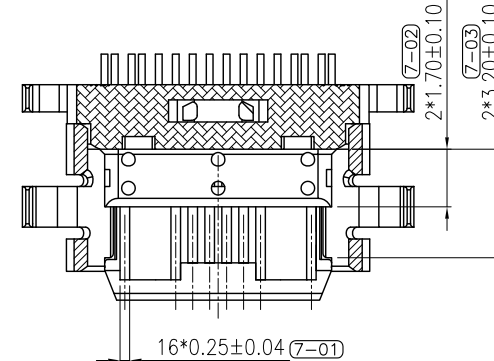
Ø2.00Pick&Place Area



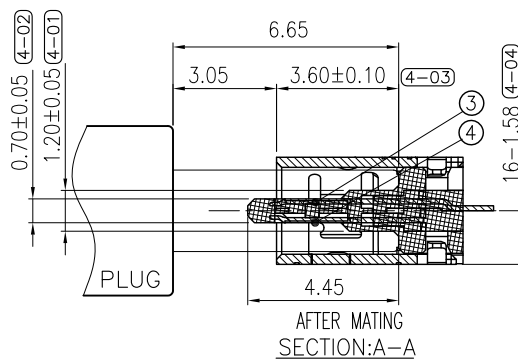
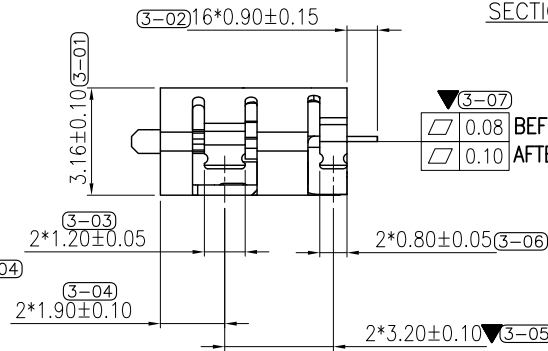
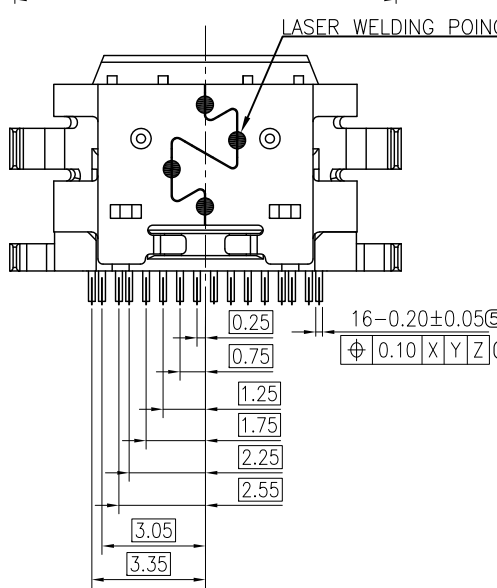
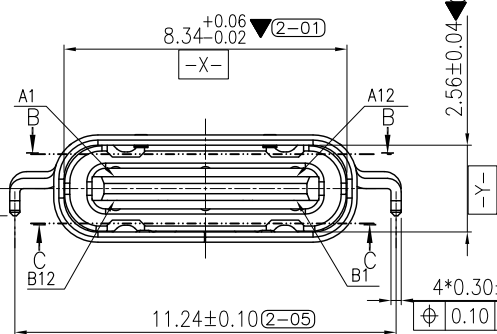
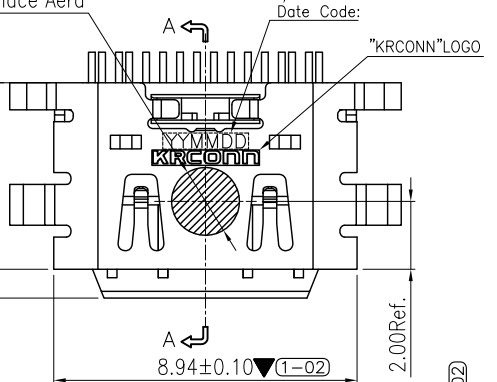
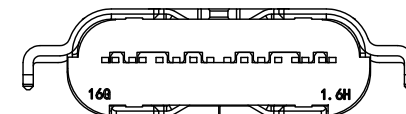
3d view
front



SECTION:B-B



SECTION:C-C



UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.30 X.X :±1°
X.XX :±0.20
X.XXX :±0.10



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

TITLE Type.C 16PIN L=5.5mm L/P1.6mm CONN. REC.
DWN chenjun PART NO. TCR16-16121605-D5
CHKD chenjun SCALE:1:1 UNIT: mm
APVD Kevin.d SIZE: A4 SHEET:10F3 REV: A
DRAW NO. C-DWG-TCR16-D5 CUSTOMER COPY

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



PIN	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Signal Name	GND			VBUS	CC1	Dp1	Dn1	SBU1	VBUS			GND
PIN	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Signal Name	GND			VBUS	CC2	Dp3	Dn2	SBU2	VBUS			GND

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	ERIC	2024.05.15

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: 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 °C ~ 85 °C

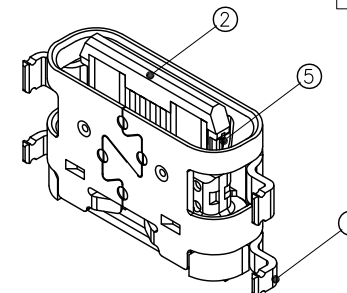
3.2. IR REFLOW:

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

4.PART NO.:

TCR16-16 1 2 16 05- D5
PRODUCT ORDER

On Board High/16=1.6mm
COLOUR/1=BLACK HOUSING
POST/2=Without Dull Post
Pin Number./16=16Pin
Plating On Contact Area./05=Au15u"
Service Number.

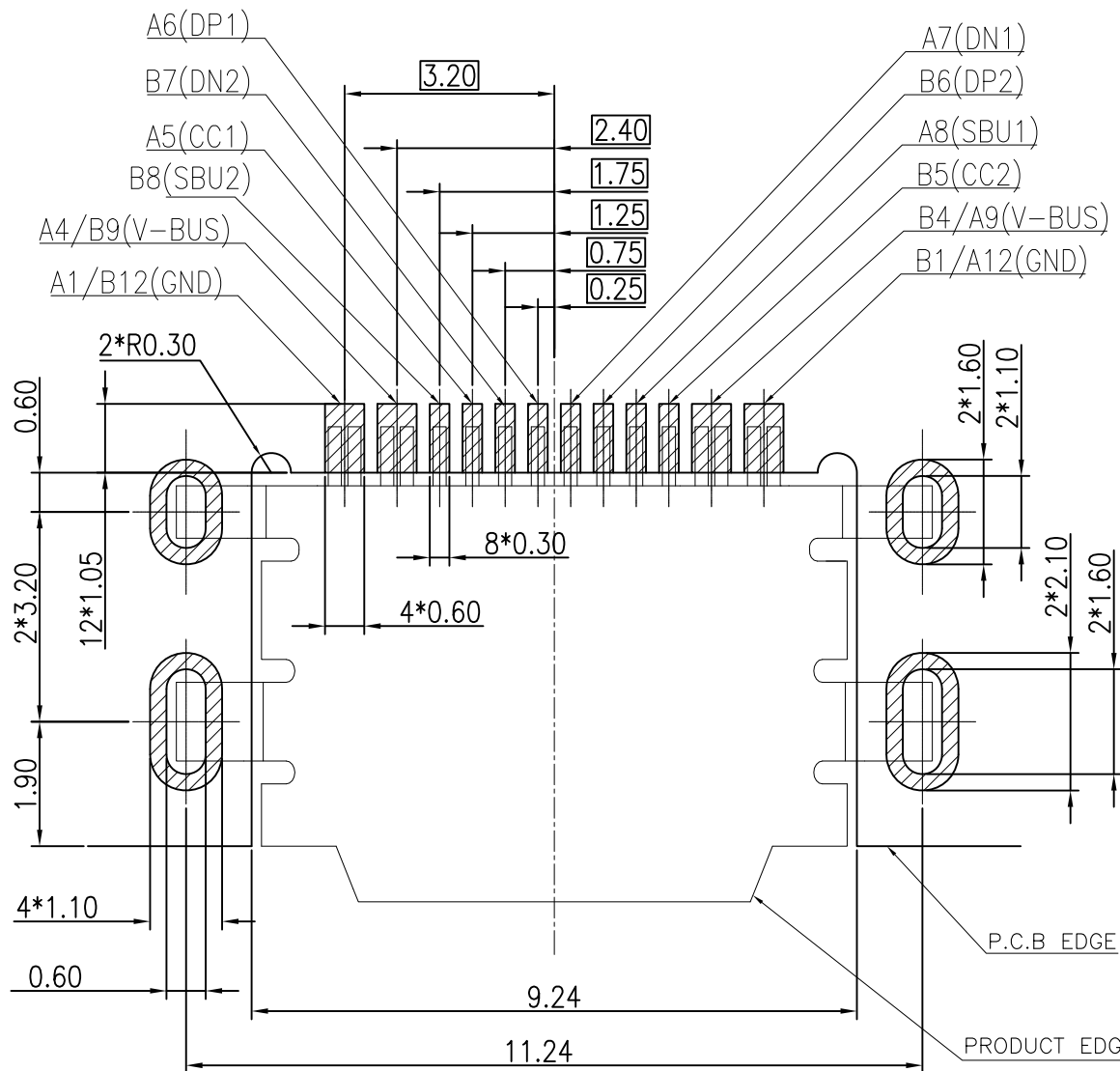


⑤	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
④	CONTACT B	1 SET	COPPER ALLOY	Ni 50u"-150u". UNDER PLATED OVER ALL. CONTACT AREA:15u"Au BRUSH PLATING SOLDER AREA:1u"Au"
③	CONTACT A	1 SET	COPPER ALLOY	
②	HOUSING	3 PCS	THERMOPLASTIC	COLOR: BLACK
①	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER 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		
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DECIMALS:		ANGLES:		TITLE	
X	:±0.5	X	:±2°	DWN	chenjun
X.X	:±0.30	X.X	:±1°	PART NO.	TCR16-16121605-D5
X.XX	:±0.20	CHKD		chenjun	SCALE:1:1
X.XXX	:±0.10	APVD		Kevin.d	UNIT: mm
DRAW NO. C-DWG-TCR16-D5		SIZE: A4		SHEET:20F3	
				REV: A	
				CUSTOMER COPY	

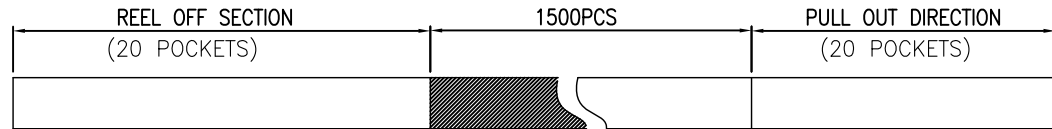


RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

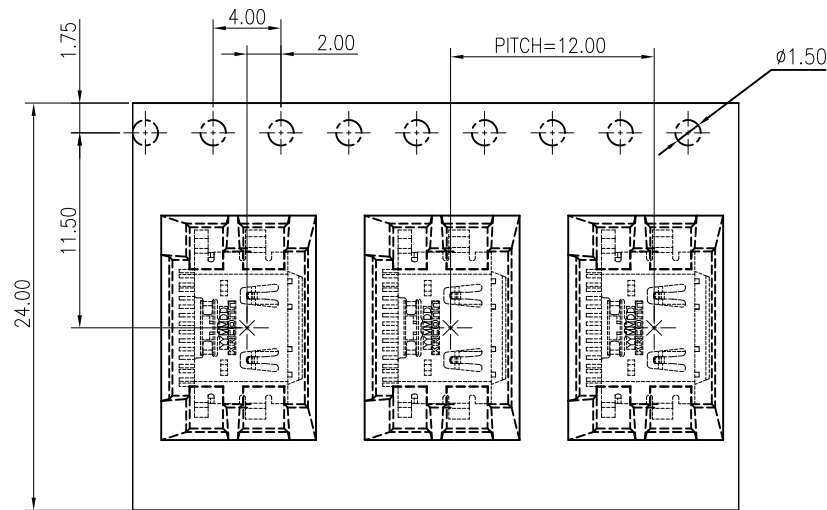
DEFAULT TOLERANCE: ±0.05mm



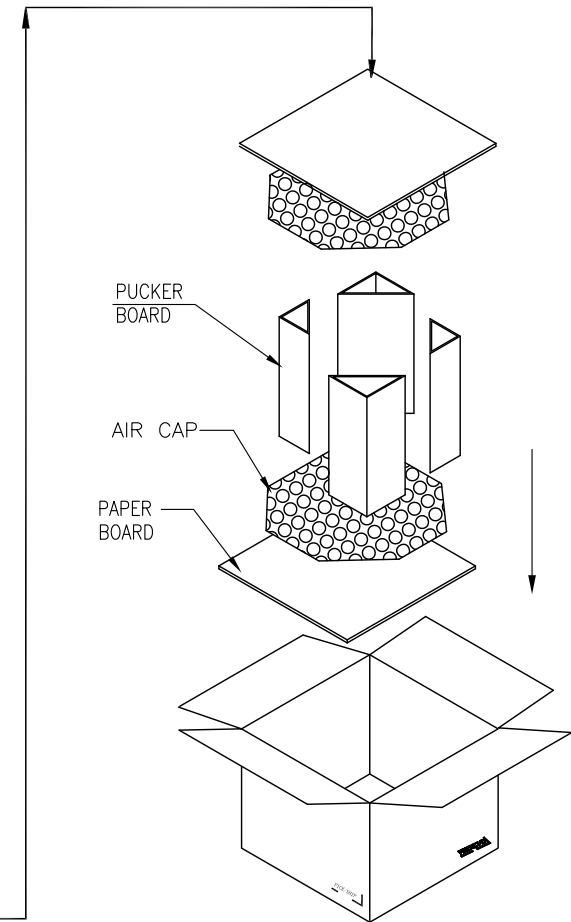
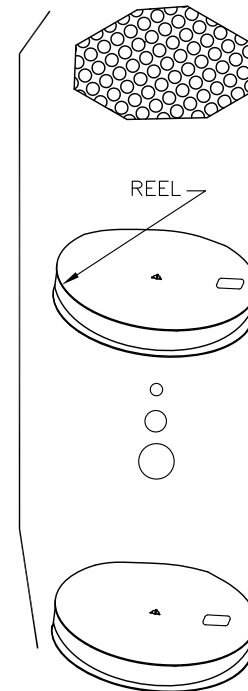
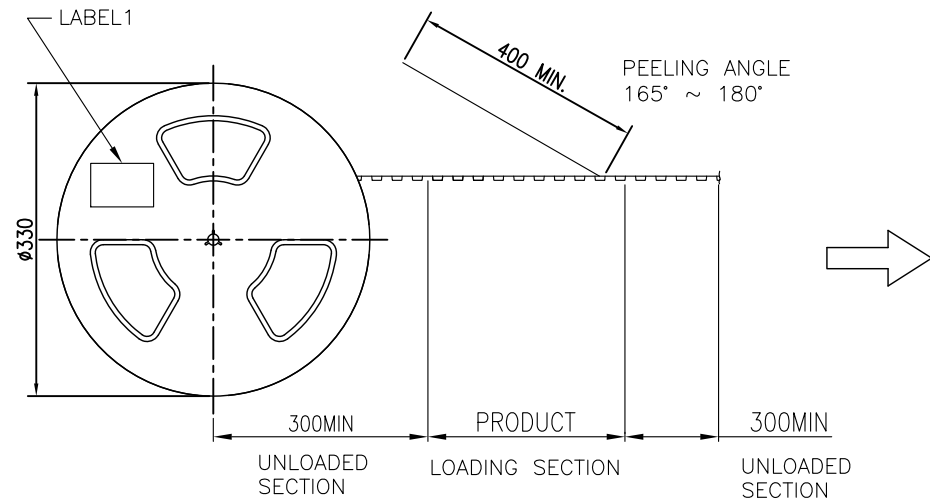
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2024.05.15



CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR16-16121605-D5	1500	10	15000 PCS



TOTAL 10LAYERS



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DECIMALS:	ANGLES:	TITLE	Type.C 16PIN L=5.5mm L/P1.6mm CONN. REC.		
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR16-16121605-D5	
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-D5		CUSTOMER COPY	