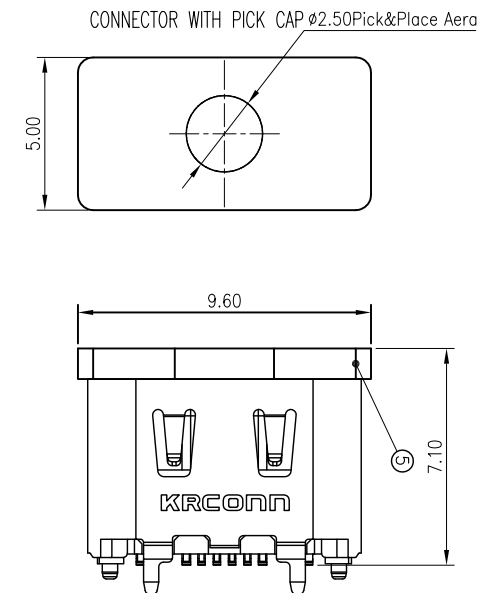
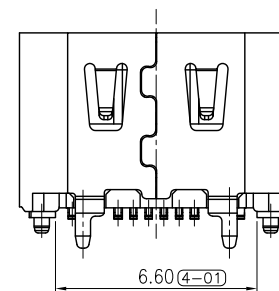
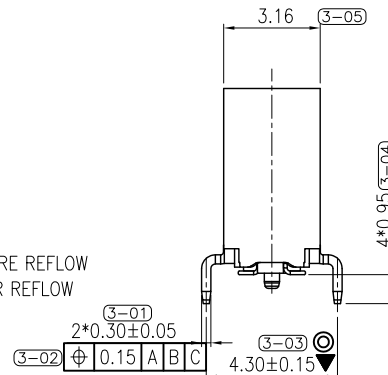
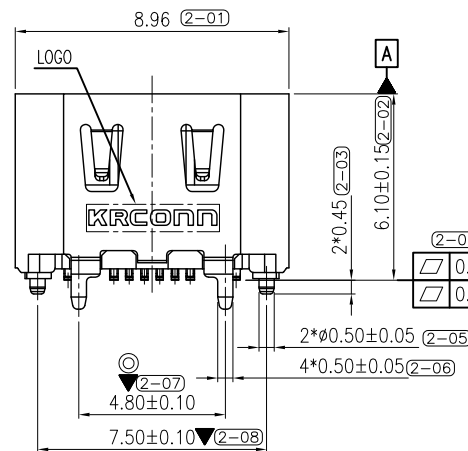
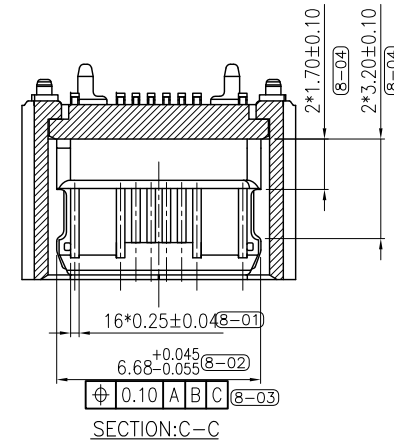
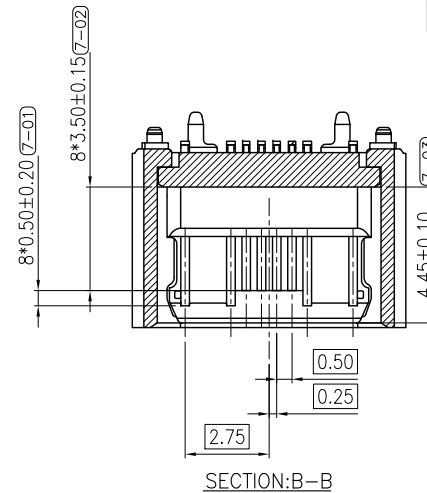
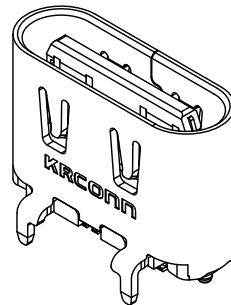
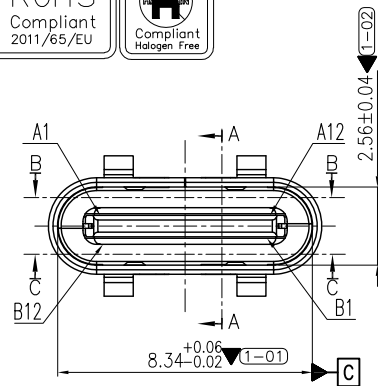




REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	ERIC	2025.06.11



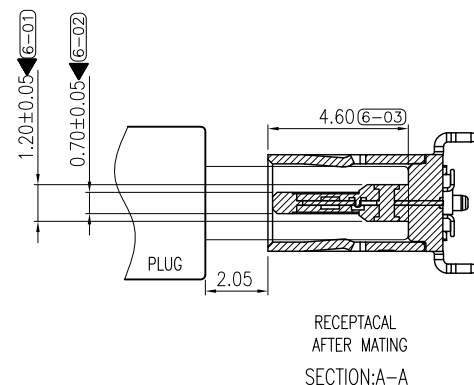
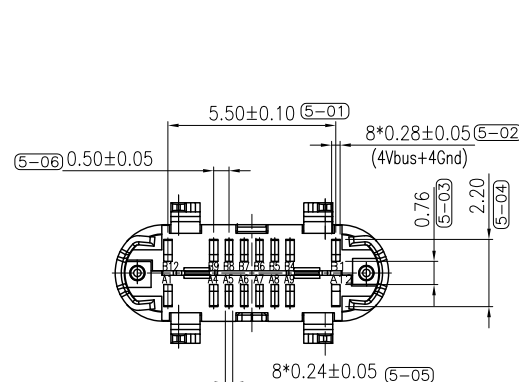
品质管控等级要求		
符号	等级	产品管控要求
▼	重点要求	巡检, 定义检验频率
▽	特殊性要求	CPK>1.33
◎	全检要求	自动机检验

UNLESS OTHERWISE
SPECIFIED TOLERANCES

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 Vertical CONN. RECPTACLE			
DWN	Johnie	PART NO. TCR41-61111602-T1		
CHKD	Kevin.d	SCALE:1:1	UNIT: mm	REV: A
APVD	Simon.Mo	SIZE: A4	SHEET:10F3	
DRAW NO. C-DWG-TC41-T1		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

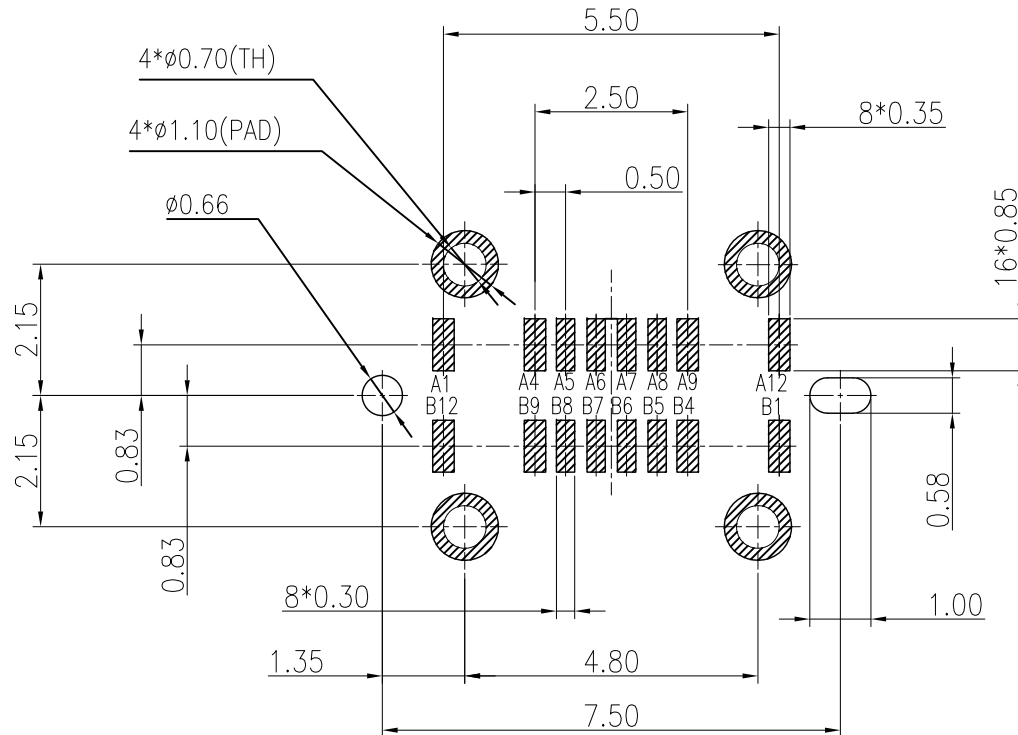
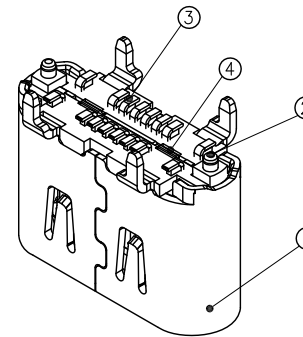
SPECIFICATION:

- ELECTRICAL CHARACTERISTICS:
 - 1-1. CURRENT RATING:5.0A,VOLTAGE RATING:5.0V AC
 - 1-2. CONTACT RESISTANCE: 40mOHMS MAX INITIAL.
 - 1-3. INSULATION RESISTANCE: 100MOHMS Min.
 - 1-4. DIELECTRIC WITHSTAND: 100V AC for 1 MINUTE
- MECHANICAL CHARACTERISTICS:
 - 2-1. INSERT FORCE: 5-20N
 - 2-2. WITHDRAW FORCE: 8-20N(INITIAL), AFTER DUABILITY: 6-20N Min
 - 2-3. DURABILITY:10000CYCLES;
- TEMPERATURE RANGE: -40 °C ~ 85 °C
- SALT SPRAY:48H
- PART NO.:

TCR41-6111602-T1

PRODUCT ORDER

HEIGHT ON BOARD 60=6.10mm
COLOUR/1=BLACK HOUSING
POST/1=WithPOST
Pin Number./16=16Pin
Plating On Contact Area./02=Au3u"
Services Number.



RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)

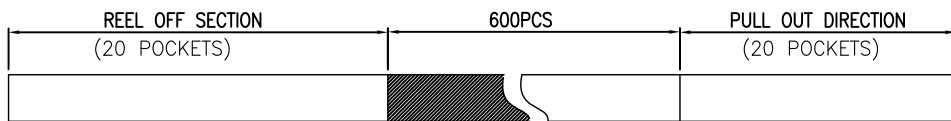
PWB TOLERANCE: ±0.05

⑤	CAP	1 PCS	LCP	UL94V-0,COLOR:BLACK;
④	MID PLATE	1 PCS	SUS301-H T=0.15	NO SURFACE TREATMENT
③	CONTACT	2 SET	C5191 T=0.12	Ni 80u"-200u". UNDER PLATED OVER ALL. CONTACT AREA:3u"Au BRUSH PLATING SOLDER AREA:1u"Au
②	HOUSING	1 PCS	PA10T	COLOR: SEE TABLE
①	SHELL	1 PCS	SUS304-3/4H T=0.30	Ni 50u" MIN. UNDER PLATED OVER ALL.

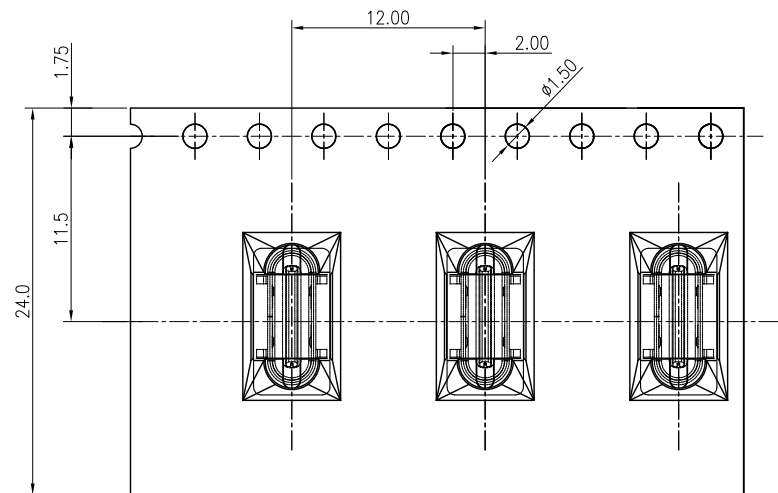
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
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UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD		
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DECIMALS:	ANGLES:	TITLE	Type.C 16PIN Vertical CONN. RECPTACLE		
X :±0.5	X :±2°	DWN Johnie	PART NO. TCR41-6111602-T1		
X.X :±0.30	X.X :±1°	CHKD Kevin.d	SCALE:1:1	UNIT: mm	
X.XX :±0.20		APVD Simon.Mo	SIZE: A4	SHEET:20F3	REV: A
X.XXX :±0.10		DRAW NO. C-DWG-TC41-T1	CUSTOMER COPY		

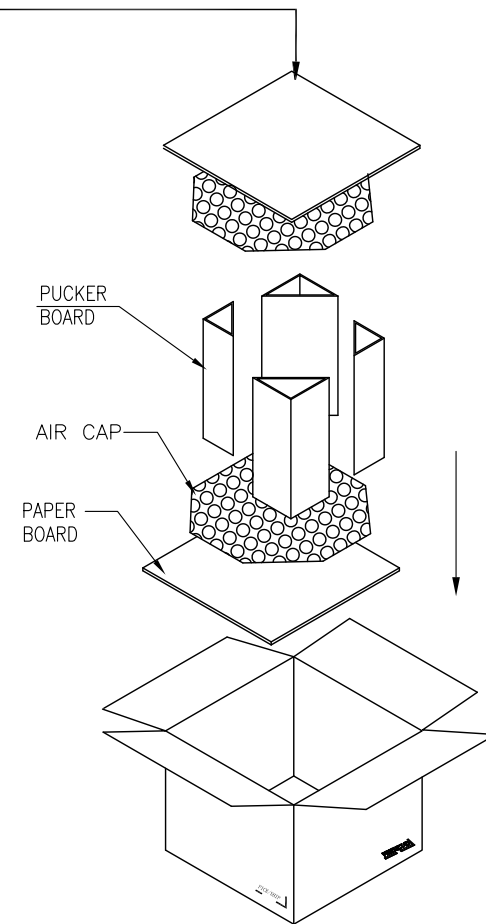
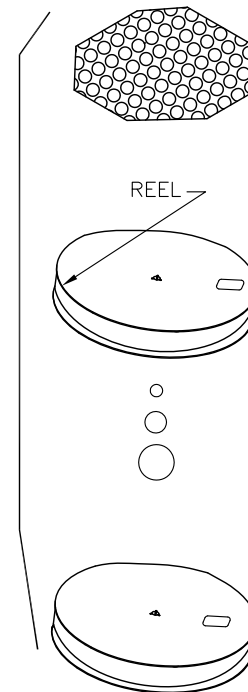
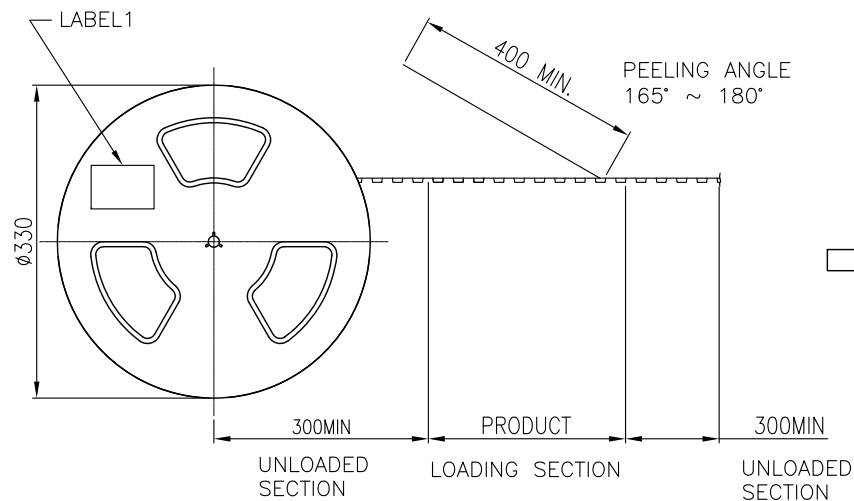


CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR41-61111602-T1	600	10	6000 PCS



CUSTOMER TO USE DIRECTION → PULL OUT 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 Vertical CONN. RECPTACLE		
X :±0.5	X :±2°	DWN	Johnie	PART NO. TCR41-61111602-T1	
X.X :±0.30	X.X :±1°	CHKD	Kevin.d	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Simon.Mo	SIZE: A4	SHEET:30F3
X.XXX :±0.10		DRAW NO. C-DWG-TC41-T1		CUSTOMER COPY	