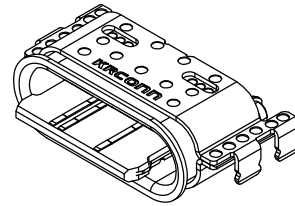
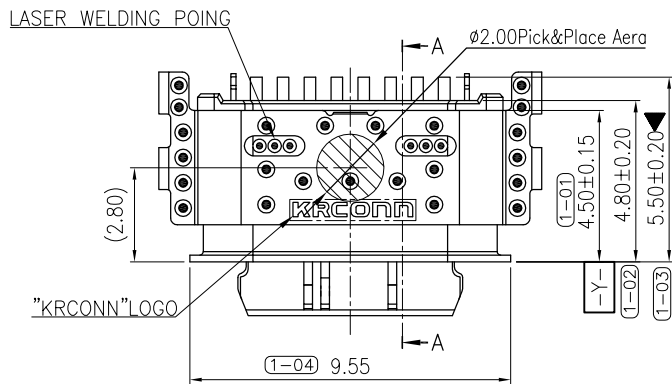
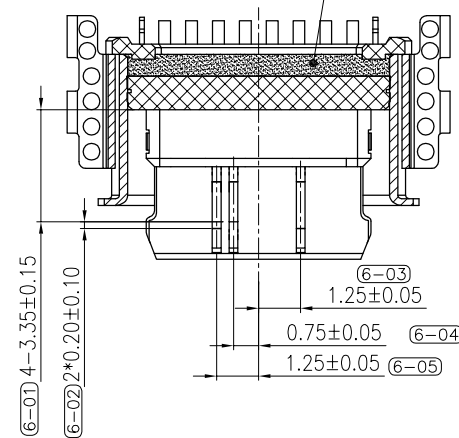




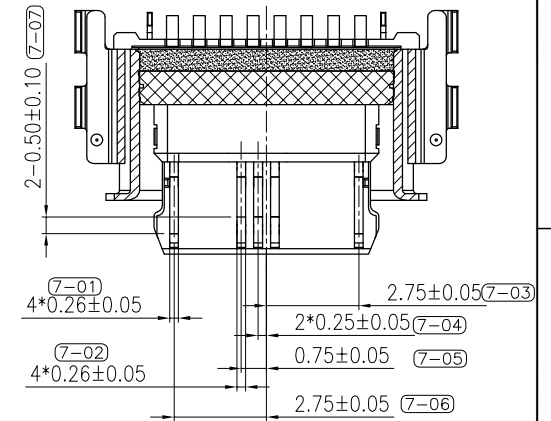
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2022.11.21



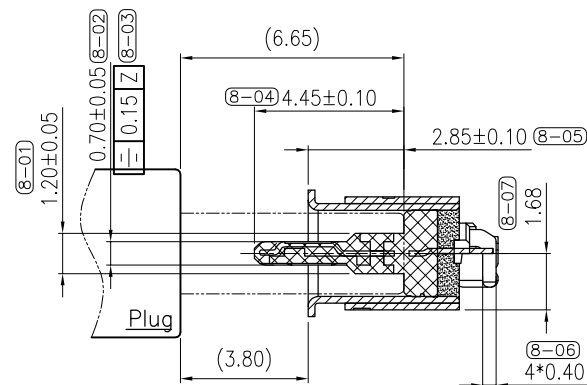
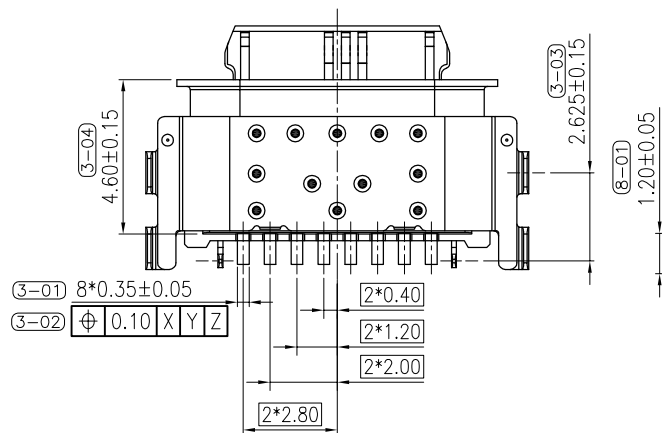
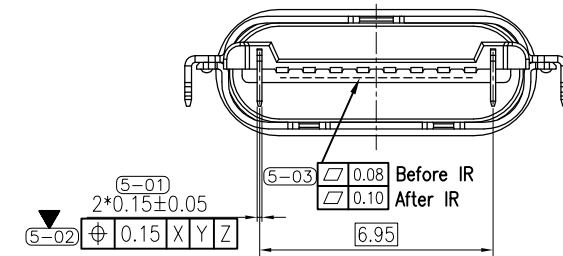
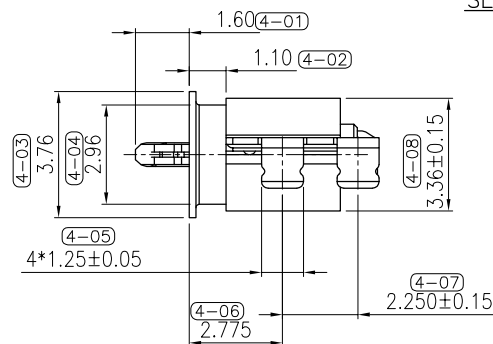
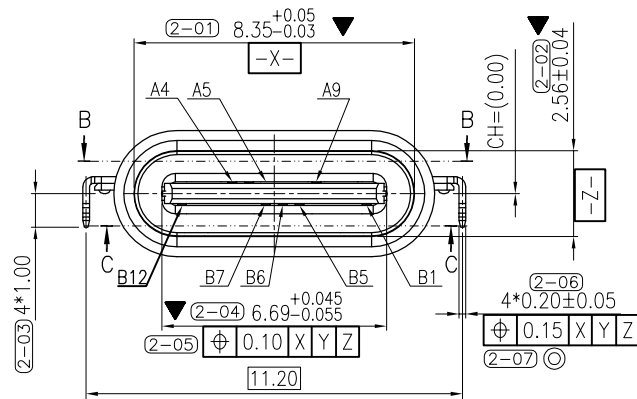
3d view
Front



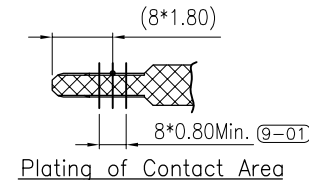
SECTION:B-B



SECTION:C-C



SECTION:A-A



Plating of Contact Area

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	:±0.20	X.X	:±1°
X.XX	:±0.10		
X.XXX	:±0.05		



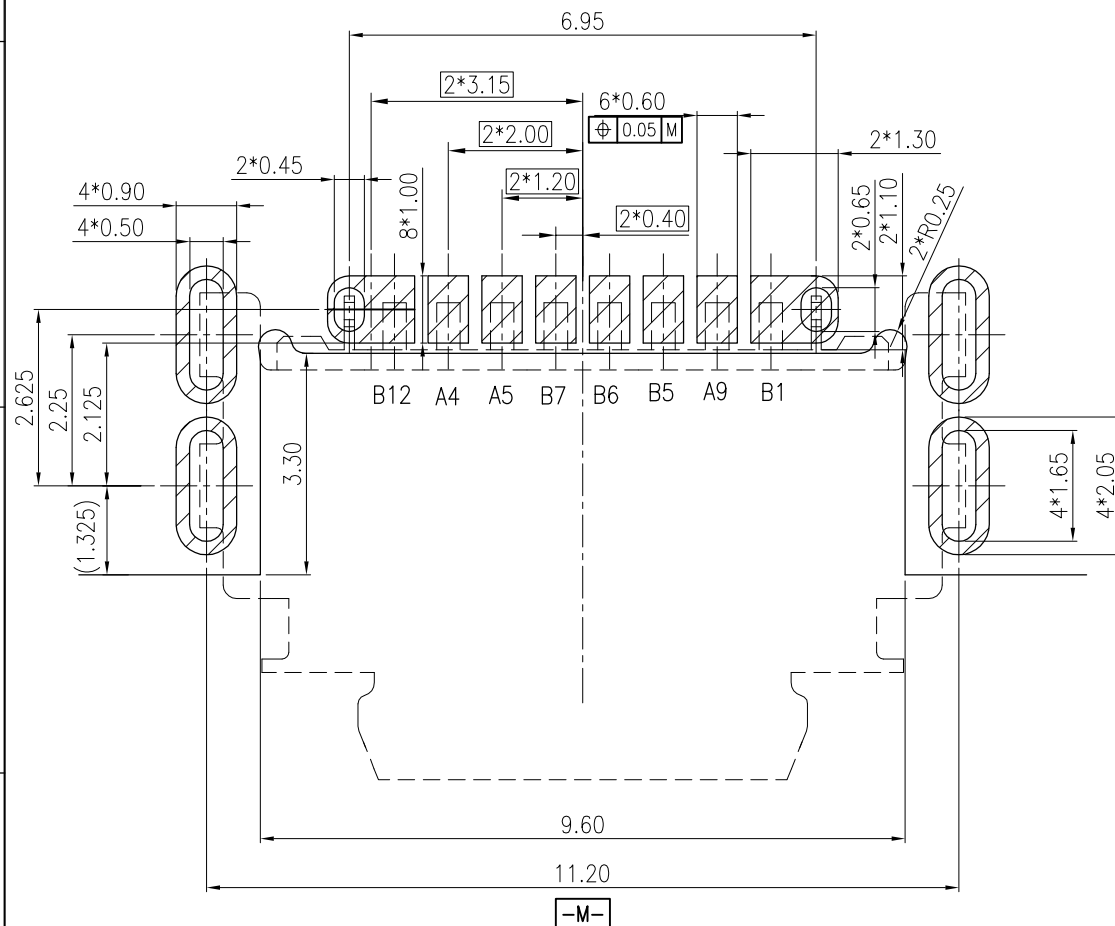
深圳市精睿兴业科技有限公司
SHENZHEN KRCONN TECHNOLOGY CO., LTD

TITLE	Type.C 8PIN L=4.5MM WATERPROOF CONN. REC.			
DWN	chenjun	PART NO. TWR18-16120802-01		
CHKD	chenjun	SCALE:1:1	UNIT: mm	
APVD	Kevin.d	SIZE: A4	SHEET:10F1	REV: A
DRAW NO. C-DWG-TWR18-01			CUSTOMER COPY	



PIN ASSIGNMENTS:

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



焊盘区域

产品轮廓

RECOMMENDED P.C.B LAYOUT (THICKNESS:0.80MM)

DEFAULT TOLERANCE: $\pm 0.05\text{mm}$

THE THICKNESS OF STEEL MESH IS 0.10mm

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 3A/ TOTAL POWER PIN
1.25A/Pin MAX(A4,A9&B1,B12),0.25A(OTHER PIN)
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: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$

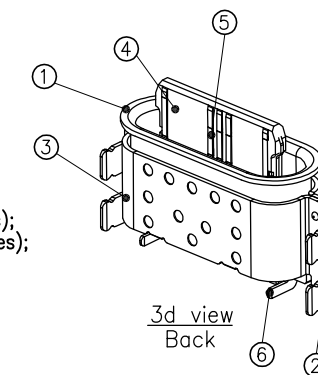
3.2. IR REFLOW:

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

3.3. WATERPROOF:IPX5

TW R 18 - 16 1 2 08 02 - 01

PRODUCT ORDER



On Board Hight/16=1.6mm
COLOUR/1=BLACK HOUSING
POST/2=WITHOUT DULL POST
Pin Number./08=8Pin
Plating On Contact Area./02=Au3u"
Servies Number.

⑦	GLUE WATER	1 PCS	SILICONE	BLACK
⑥	MID PLATE	1 PCS	SUS301-H T=0.15mm	Ni 50u"min. UNDER PLATED OVER ALL.
⑤	CONTACT	1 SET	C2680-EH T=0.15mm	Ni 50u"-150u". UNDER PLATED OVER ALL. CONTACT AREA:3u"Au BRUSH PLATING SOLDER AREA:Au:1u"min
④	HOUSING	1 PCS	PA10T HPN-FRG30M01-20ANH	COLOR: BLACK UL94V-0
③	SHELL-2	1 PCS	SUS301-3/4H T=0.20	Ni 50u"min. UNDER PLATED OVER ALL.
②	SHELL-1	1 PCS	SUS301-3/4H T=0.20	Ni 50u"min. UNDER PLATED OVER ALL.
①	SHELL-main	1 PCS	SUS316L T=0.20mm	Ni 50u" min

NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
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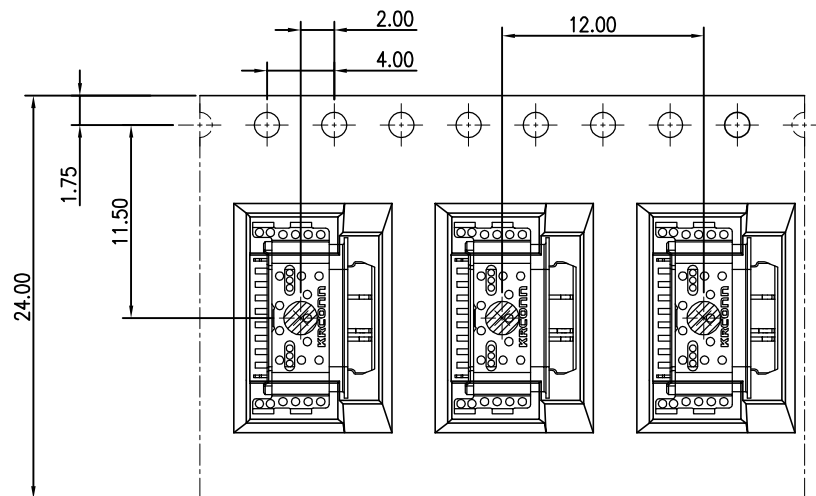
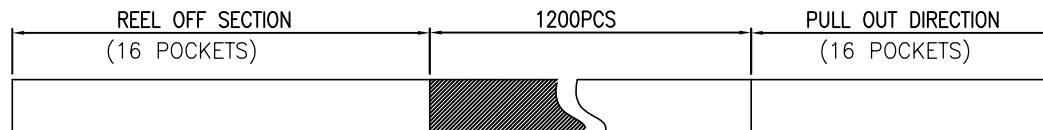
UNLESS OTHERWISE SPECIFIED TOLERANCES	深圳市精睿兴业有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD
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DECIMALS:	ANGLES:	TITLE	Type.C 8PIN L=4.5MM WATERPROOF CONN. REC.
X : ± 0.5	X : $\pm 2^{\circ}$	DWN	chenjun
X.X : ± 0.30	X.X : $\pm 1^{\circ}$	PART NO.	TWR18-16120802-01
X.XX : ± 0.20		CHKD	chenjun
X.XXX : ± 0.10		SCALE:1:1	UNIT: mm
		APVD	Kevin.d
		SIZE: A4	SHEET:10F1
		DRAW NO. C-DWG-TWR18-01	CUSTOMER COPY

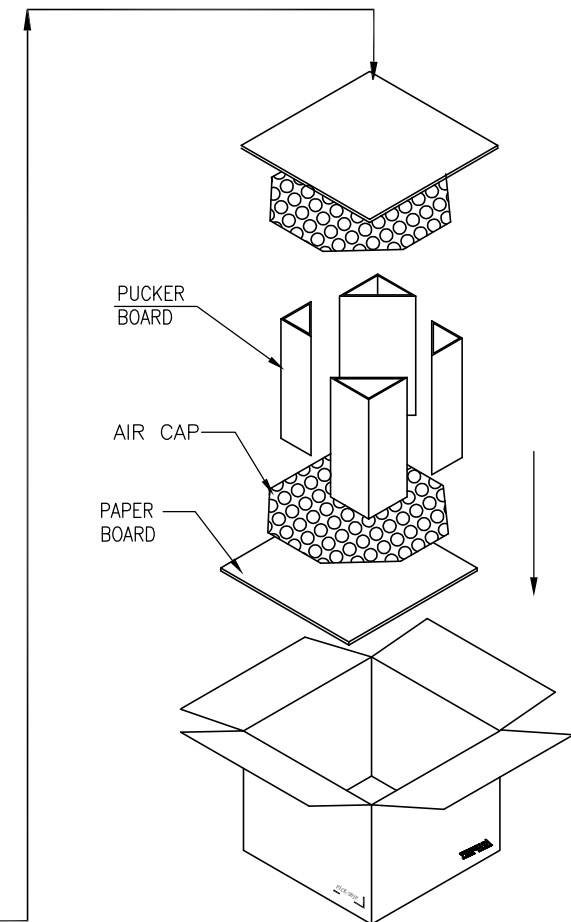
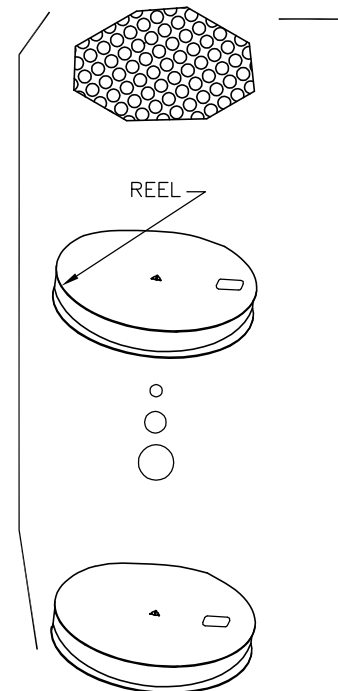
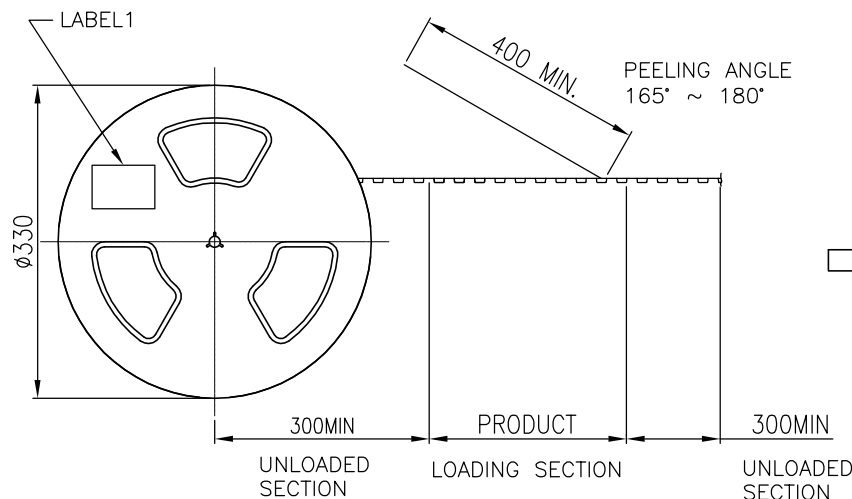


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2022.11.21

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TWR18-16120802-01	1200	10	12000 PCS



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 8PIN L=4.5MM WATERPROOF CONN. REC.			
X	:±0.5	X	:±2°	DWN	chenjun	PART NO. TWR18-16120802-01	
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-TWR18-01		CUSTOMER COPY	