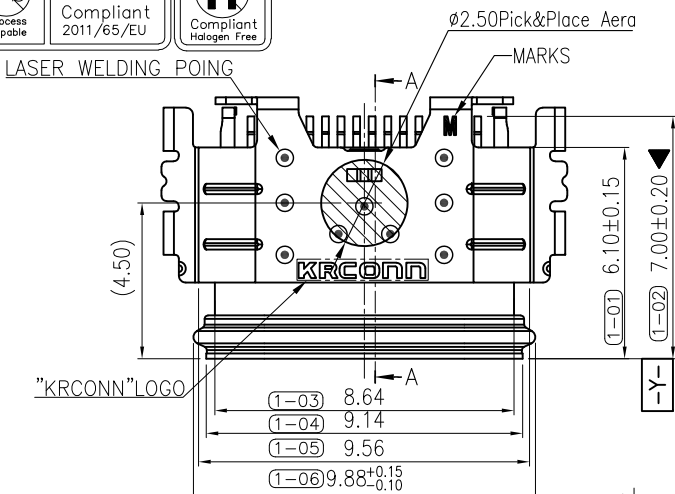
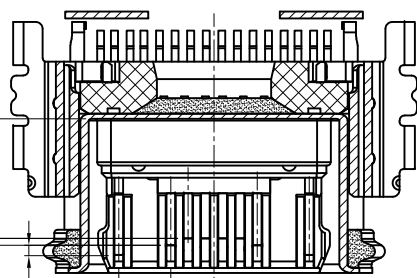
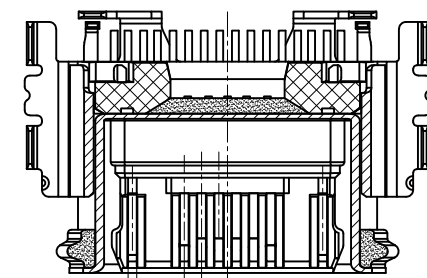


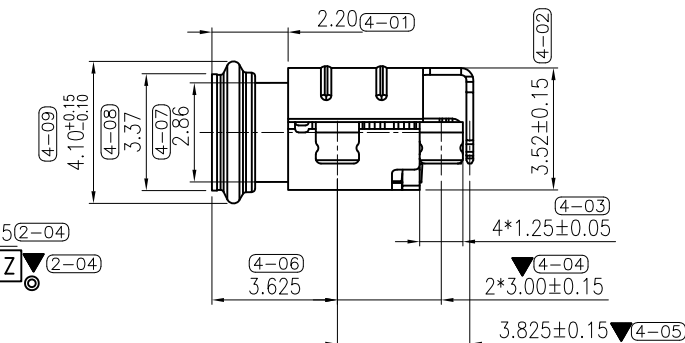
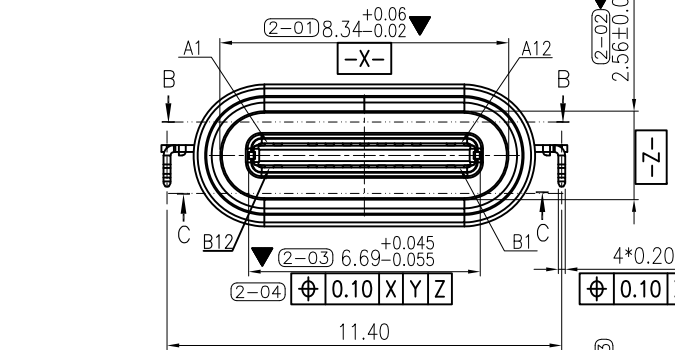
3d view
Front



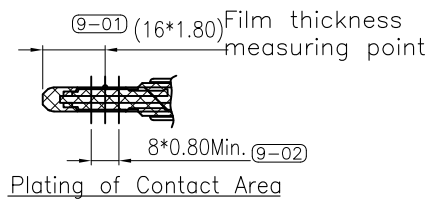
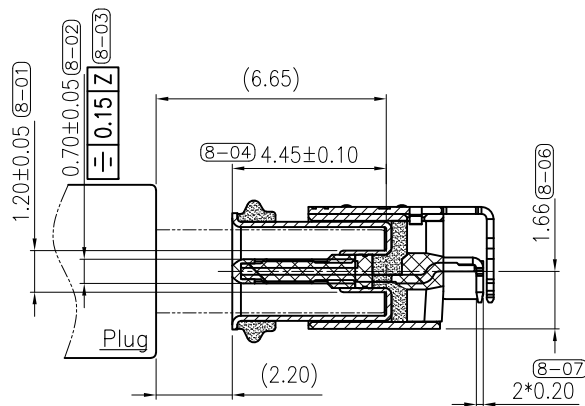
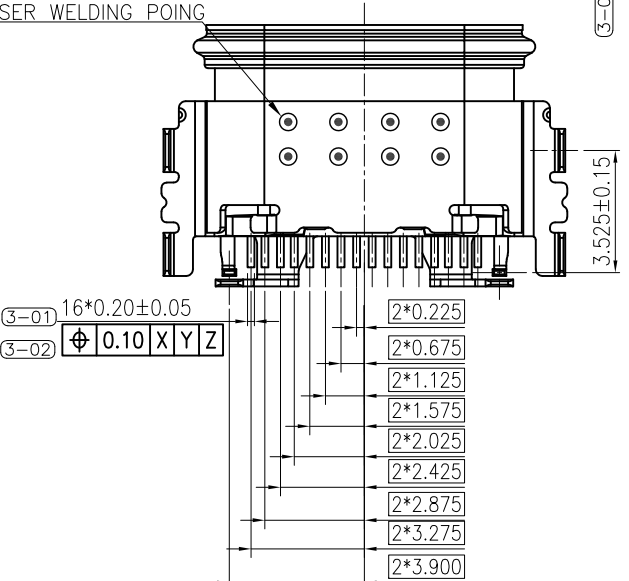
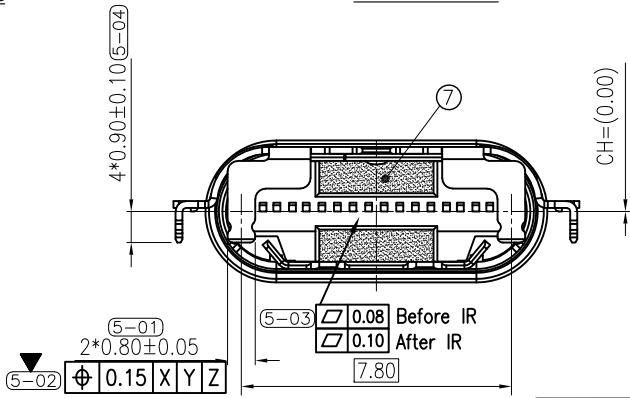
SECTION:B-B



SECTION:C-C



SECTION:A-A

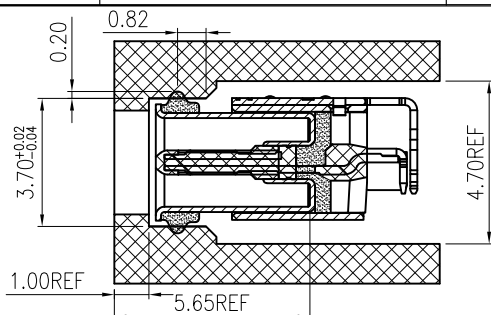


Plating of Contact Area



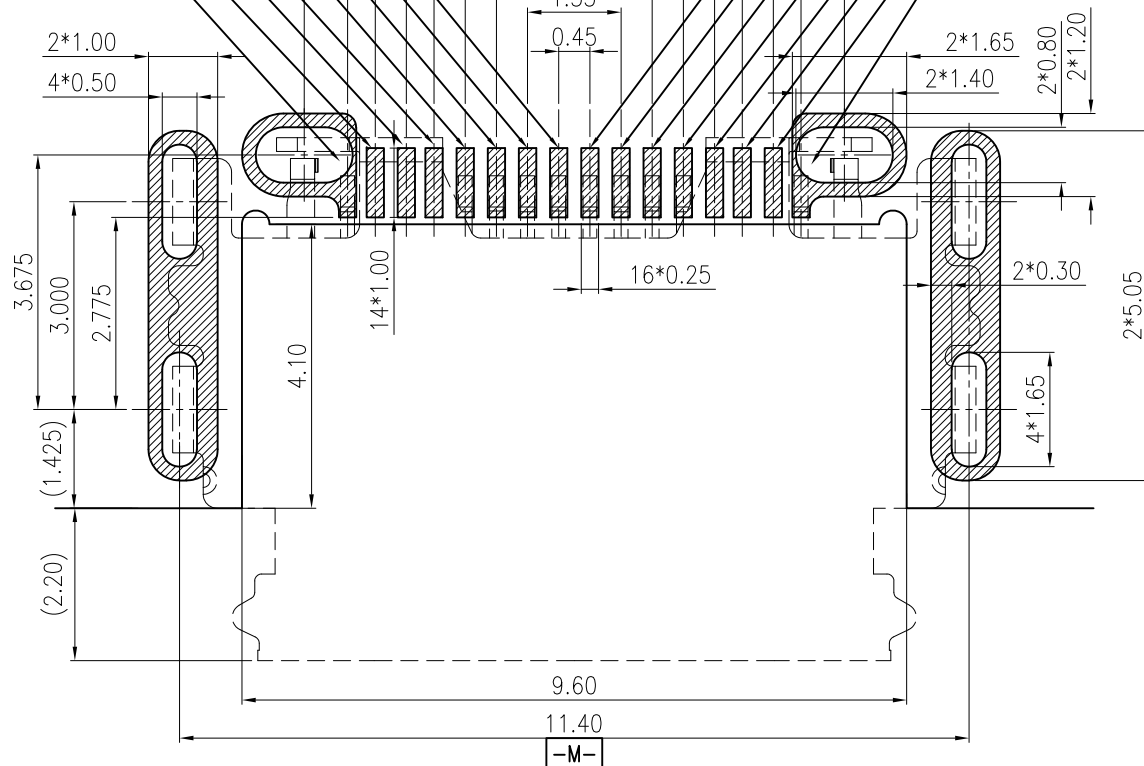
品质管控等级要求		
符号	等级	产品管控要求
▼	重点要求	巡检, 定义检验频率
▽	特殊性要求	CPK>1.33
⊙	全检要求	自动机检验

UNLESS OTHERWISE SPECIFIED TOLERANCES		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=6.1MM CH0MM WATERPROOF CONN. REC.
X :±0.5	X :±2°	DWN	Chen jun
X.X :±0.20	X.X :±1°	CHKD	Chen jun
X.XX :±0.10		APVD	Kevin.d
X.XXX :±0.05		DRAW NO.	C-DWG-TWR48-K8
		PART NO.	TWR48-18121605-K8
		SCALE:	1:1
		UNIT:	mm
		SHEET:	10F3
		REV:	A
		CUSTOMER COPY	



RECOMMENDED OPENING DIMENSIONS OF
CASE MATING AREA WITH SEALING RING
SECTION:A-A

B7(D-)
A6(D+)
B8(SBU2)
A5(CC1)
B9(VBUS)
A4(VBUS)
B12(GND)
A1(GND)
B6(D+)
A7(D-)
B5(CC2)
A8(SBU1)
B4(VBUS)
A9(VBUS)
B1(GND)
A12(GND)



焊盘区域
产品轮廓
RECOMMENDED P.C.B LAYOUT (THICKNESS:0.80MM)
DEFAULT TOLERANCE: ±0.05mm
THE THICKNESS OF STEEL MESH IS 0.10mm

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

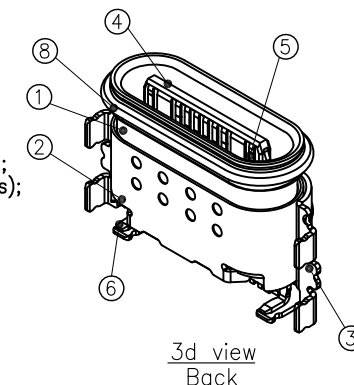
- 1.1 CURRENT RATING: Vbus 5A, VCONN PIN 1.25A ALL OTHER PINS:0.25A
- 1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.4 INSULATION RESISTNACE: 100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 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 °C ~ 85 °C
- 3.2. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 3.3. WATERPROOF:IP68



TW R 48 - 18 1 2 16 05 - K8

PRODUCT ORDER

On Board Hight/18=1.8mm
COLOUR/1=BLACK HOUSING
POST/2=WITHOUT DULL POST
Pin Number./16=16Pin
Plating On Contact Area. 05=15u"Au
Services Number.

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

⑧	O-RING	1 PCS	SILICONE	BLACK
⑦	GLUE WATER	1 PCS	SILICONE	BLACK
⑥	MID PLATE	1 PCS	SUS301-H T=0.20mm	Ni 50u"min. UNDER PLATED OVER ALL.
⑤	CONTACT	2 SET	C2680 T=0.25mm	Ni 50u"-150u". UNDER PLATED OVER ALL. CONTACT AREA:15u"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	SUS304-3/4H T=0.20	Ni 50u"min. UNDER PLATED OVER ALL.
②	SHELL-1	1 PCS	SUS304-3/4H T=0.20	Ni 50u"min. UNDER PLATED OVER ALL.
①	SHELL-main	1 PCS	SUS316L T=0.15mm	Ni 50u"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:

X ±0.5
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10

ANGLES:

X ±2°
X.X ±1°

TITLE	Type C 16PIN L=6.1MM CHOMM WATERPROOF CONN. REC.			
DWN	Chen jun	PART NO. TWR48-18121605-K8		
CHKD	Chen jun	SCALE:1:1	UNIT: mm	
APVD	Kevin.d	SIZE: A4	SHEET:20F3	REV: A
DRAW NO. C-DWG-TWR48-K8			CUSTOMER COPY	

