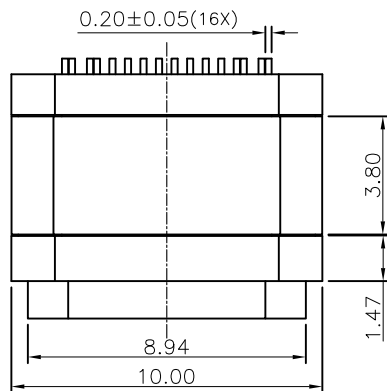
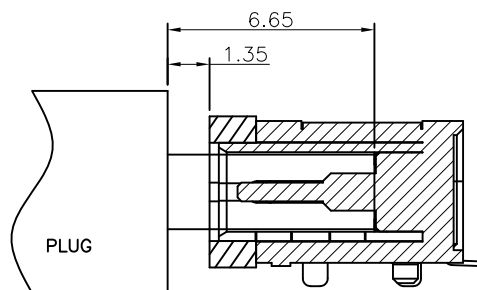
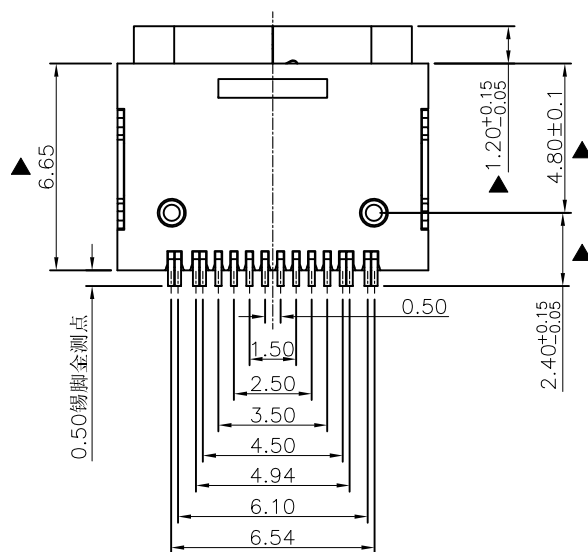
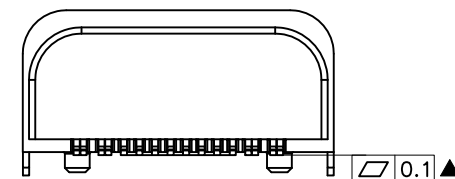
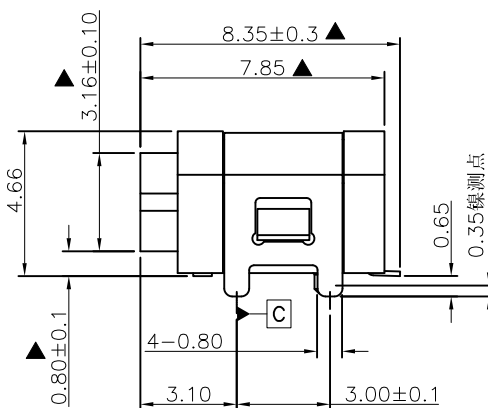
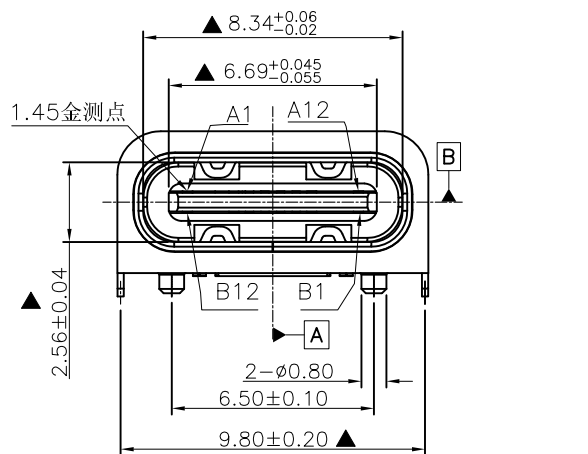


REV	ECN No.	DATE	REMARK
A	NEW	2022.11.23	NEW RELEASE
B	---	2023.10.10	修改防水机壳建议尺寸
C	---	2023.12.04	修正端子料厚描述与实物0.15相符 0.12>0.15



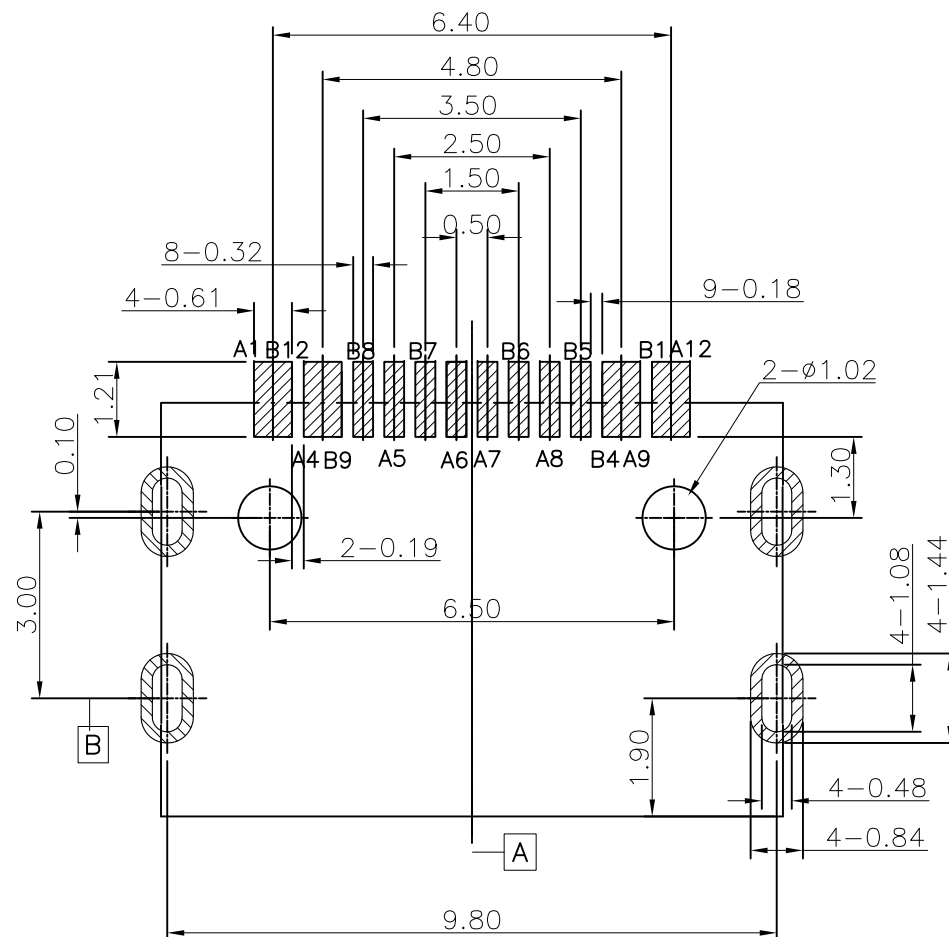
MATED CONDITION(REF.)

TABLE:

8	RUN-RING	1PCS	SILICA GEL	BLACK
7	GLUE	1PCS	环氧树脂	BLACK
6	INSIDE SHELL	1PCS	STAINLESS STEEL SUS304 T=0.3MM	NI PLATED: 40U"MIN
5	OUT SHELL	1PCS	STAINLESS STEEL SUS304 T=0.2MM	NI PLATED: 40U"MIN
4	SHIELDING PLATE	1PCS	STAINLESS STEEL SUS301T=0.15MM	-----
3	CONTACT	1SET	C7025 T=0.15MM	AU 1U" PLATED ON CONTACT AREA; AU GF PLATED ON SOLDER AREA; NICKEL 30U"MIN UNDERPLATING OVER ALL.
2	SHELL HOUSING	1PCS	PA46 UL94V-0	BLACK
1	HOUSING	1PCS	LCP UL94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	REMARKS
PART NO.:		DRAWN BY:		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,L
SEE THE PART NUMBER CODE		HuangXiaoHao		
GENERAL TOLERANCES		CHECKED BY:		TITLE
x.xxxx		liuzongliang		
x.xxx		APPROVED BY:		TYPE-C FEMALE 16PIN TOP-MOUNT WATERPROOF IP CH=2.38, L7.85,SOLDER TAB=0.65(22)
x.xx		Jacky		
x.x		THIRD ANGLE PROJECTION		DIMENSIONS SCALE DRAWING SHEET NO. DWG.NO.
ANGULAR		± 3°		
				mm 1:1 A4 1 OF 3 CFW16-018



REV	ECN No.	DATE	REMARK
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RECOMMENDED PCB LAYOUT

Tolerance: $\pm 0.05\text{mm}$

Scale: 2:1

PIN DEFINITION:

PIN No.	A1			A4	A5	A6	A7	A8	A9			A12
SIGNAL NAME	GND			VBus	CC1	D+	D-	SBU1	VBus			GND
PIN No.	B12			B9	B8	B7	B6	B5	B4			B1
SIGNAL NAME	GND			VBus	SBU2	D-	D+	CC2	VBus			GND

NOTE:

1.ELECTRICAL:

- 1-1:CURRENT RATING:5A
- 1-2:VOLTAGE RATING:20V DC/AC (RMS. MAX)
- 1-3:INITIAL CONTACT RESISTANCE :40 MEGOHMS
- 1-4:INSULATION RESISTANCE: 100MΩ MIN
- 1-5:DIELECTRIC WITHSTANDING VOLTAGE:100V AC MIN;

2.MECHANICAL CHARACTERISTICS:

- 2-1:MATING FORCE:5~20N
- 2-2:UNMATING FORCE:8~20N(INITIAL),
6~20N(AFTER 10000 CYCLES)
- 2-3:FREQUENCY:10000 CYCLES
- 2-4:OPERATING TEMPERATURE ;-30℃~85℃.

3.SALT SPRAY:24H

4.WATERPROOF:IPX7 1.0M@30MINUTES.

5.THE SIZE WITH "▲" IS THE KEY CONTROL SIZE

6.PART NUMBER CODE:

CF W 16-018 S L B 11 VR
(1) (2) (3) (4) (5)

(1)PRODUCT TYPE:

W:WATERPROOF

(2)PIN NO.:

16:16Pin

(3)HOUSING COLOR:

B:BLACK

(4)CONTACTS PLATED:

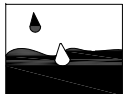
11:CONTACT PLATING: AU (1U")
SOLDERING PLATING: GF

(5) PACKING OPTIONS:

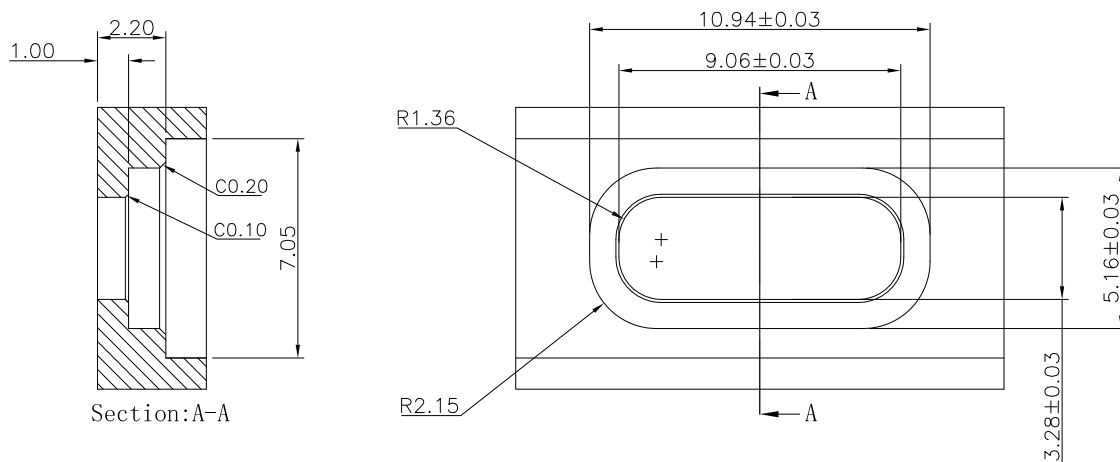
VR:TAPE & REEL+Vacuum Packaging

PART NO.:		DRAWN BY:		 深圳市中科兴达科技有限公司	
SEE THE PART NUMBER CODE		HuangXiaoHao			
GENERAL TOLERANCES		CHECKED BY:		SHENZHEN ZDT TECHNOLOGY CO.,LTD	
x.xxxx		± ---		TITLE	
x.xxx		± 0.10			
x.xx		± 0.15		TYPE-C FEMALE 16PIN TOP-MOUNT WATERPROOF IPX7 CH=2.38, L7.85,SOLDER TAB=0.65(22)	
x.x		APPROVED BY:			
		Jacky			
THIRD ANGLE PROJECTION				DIMENSIONS	
				SCALE	
				1:1	
				DRAWING	
				A4	
				SHEET NO.	
				2 OF 3	
				DWG.NO.	
				CFW16-018	

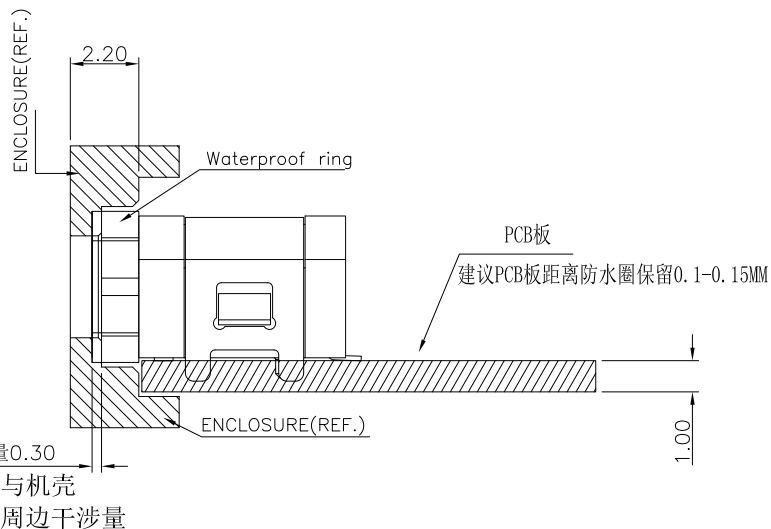
IPX7



1.0m/30min

机壳开孔建议尺寸图 $\triangle B$ 

Section:A-A

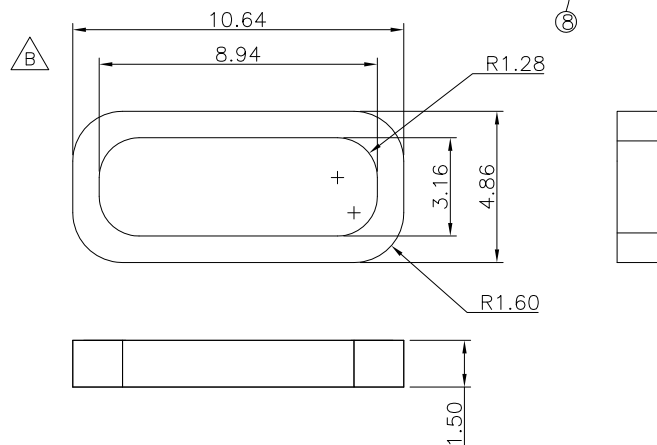
RECOMMENDED SCHEMATIC DRAWING
OF CONNECTOR MATCH CHASSIS

REV	ECN No.	DATE	REMARK
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O-RING VIEW

备注:

1. 防水圈料号: GJ002GBP-02
2. 材质硅橡胶, 防水密封用
3. 黑色材料
4. 材料符合RoHS
5. Shore hardness 60A



PART NO.:		DRAWN BY:		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD									
SEE THE PART NUMBER CODE		HuangXiaoHao											
GENERAL TOLERANCES		CHECKED BY:		TITLE TYPE-C FEMALE 16PIN TOP-MOUNT WATERPROOF IPX7 CH=2.38, L7.85,SOLDER TAB=0.65(22)									
x.xxxx ± ---		liuzongliang											
x.xxx ± 0.10		APPROVED BY:											
x.xx ± 0.15		Jacky											
x.x ± 0.20		THIRD ANGLE PROJECTION											
ANGULAR ± 3°				DIMENSIONS		SCALE		DRAWING		SHEET NO.		DWG.NO.	
				mm		1:1		A4		3 OF 3		CFW16-018	