



REV	ECN No.	DATE	REMARK
A	NEW	2023.11.16	NEW RELEASE

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

PART NUMBER CODE:

CF W 16 - 042 S L B 11 VR - 22
(1) (2) (3) (4) (5) (6)

(1) Product type:
W:WATERPROOF

(2) Pin No.:
16:16Pin

(3) HOUSING MATERIALS:
L:LCP

(4) HOUSING COLOR:
B:BLACK

(5) CONTACTS PLATED:
11:Contact Area: Au 1u"
Solder Tails:1U"

(6) PACKING OPTIONS:
VR:TAPE & REEL+VACUUM PACKAGING

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

TABLE:

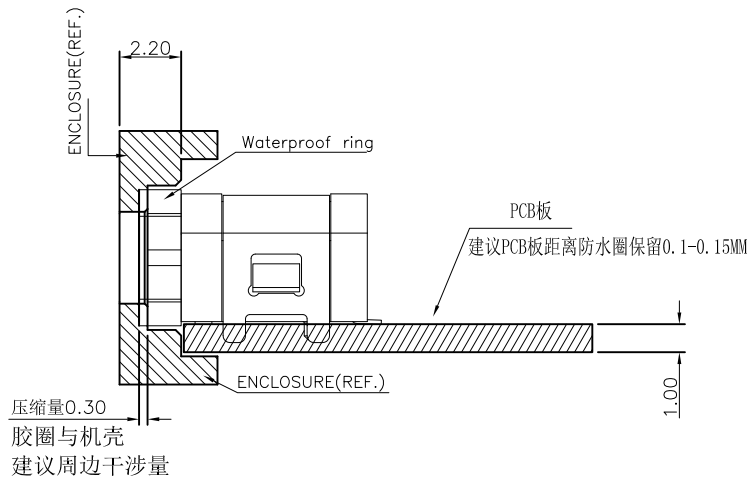
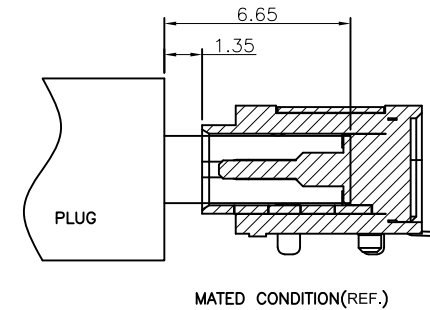
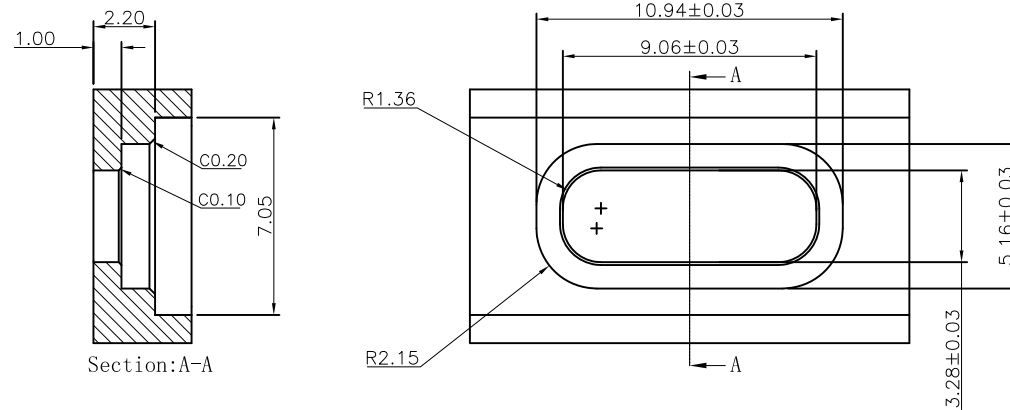
8	RUN-RING	1PCS	SILICA GEL	BLACK			
7	GLUE	1PCS	环氧胶	BLACK			
6	INSIDE SHELL	1PCS	STAINLESS STEEL SUS304 T=0.3MM	NI PLATED: 40U*MIN			
5	OUT SHELL	1PCS	STAINLESS STEEL SUS304 T=0.2MM	NI PLATED: 40U*MIN			
4	SHIELDING PLATE	1PCS	STAINLESS STEEL SUS301T=0.15MM	----			
3	CONTACT	1SET	C7025 T=0.15MM	AU 1U" PLATED ON CONTACT AREA; AU OF PLATED ON SOLDER AREA; NICKEL 30U*MIN UNDERPLATING OVER ALL.			
2	SHELL HOUSING	1PCS	PM6 UL94V-0	BLACK			
1	HOUSING	1PCS	LCP UL94V-0	BLACK			
NO	DESCRIPTION	QTY	MATERIAL	REMARKS			
PART NO.: SEE THE PART NUMBER CODE							
DRAWN BY:		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD					
HuangXiaoHao							
CHECKED BY:		TITLE					
liuzongliang							
APPROVED BY:		USB 2.0 Type-C Receptacle 16Pin Top-Mount, Waterproof,SMT,L=7.85					
Jacky							
THIRD ANGLE PROJECTION		DIMENSIONS SCALE DRAWING SHEET NO. DWG.NO.					
mm					1:1 A4 1 OF 2 CFW16-042-22		
mm							
ANGULAR							

PCB LAYOUT 图仅供参考



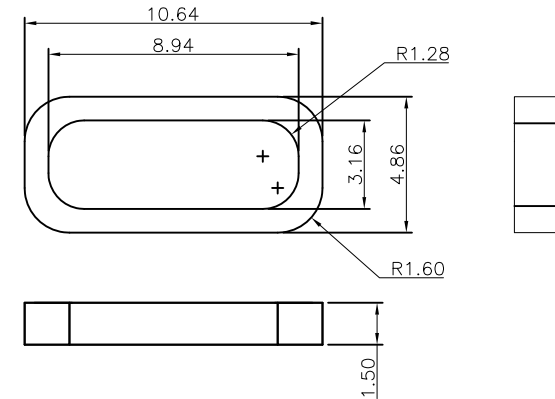
REV	ECN No.	DATE	REMARK
A	NEW	2023.11.16	NEW RELEASE

机壳开孔建议尺寸图



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.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD	
GENERAL TOLERANCES		CHECKED BY: liuzongliang		TITLE	
x.xxxx	± ---	APPROVED BY: Jacky		USB 2.0 Type-C Receptacle 16Pin Top-Mount, Waterproof,SMT,L=7.85	
x.xxx	± 0.10	THIRD ANGLE PROJECTION		DIMENSIONS	SCALE
x.xx	± 0.25	mm		1:1	DRAWING
x.x	± 0.30	SHEET NO.		A4	2 OF 2
ANGULAR	± 3°	DWG.NO.		CFW16-042-22	1