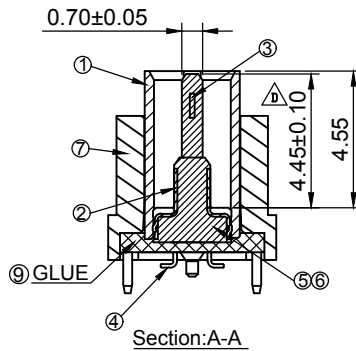
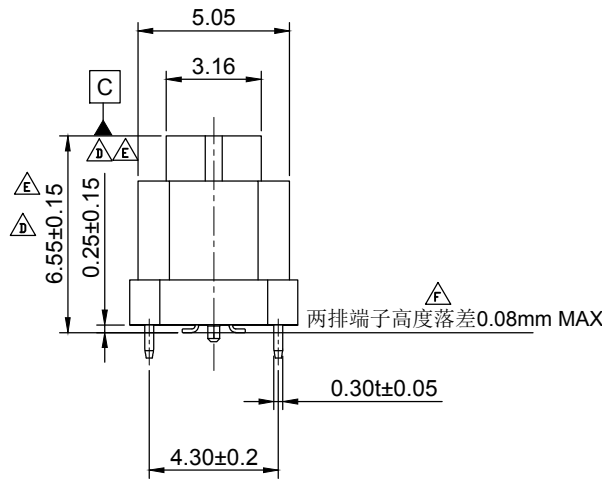
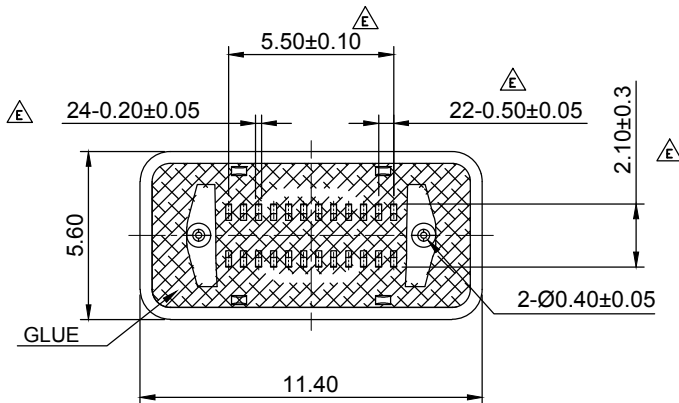
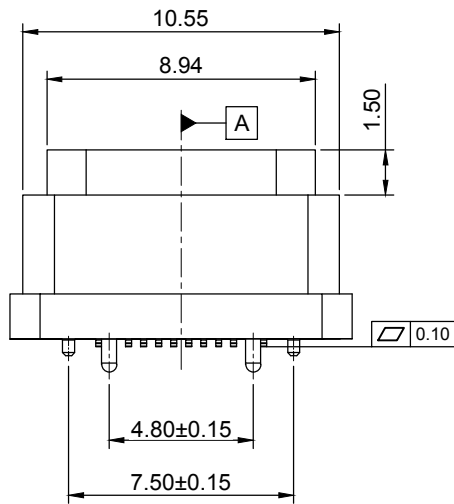
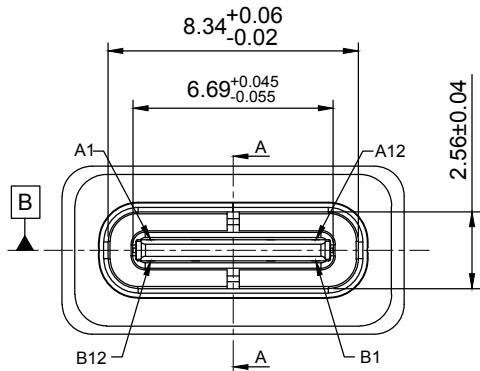


3D VIEW

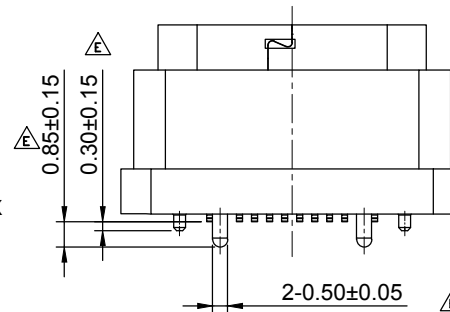
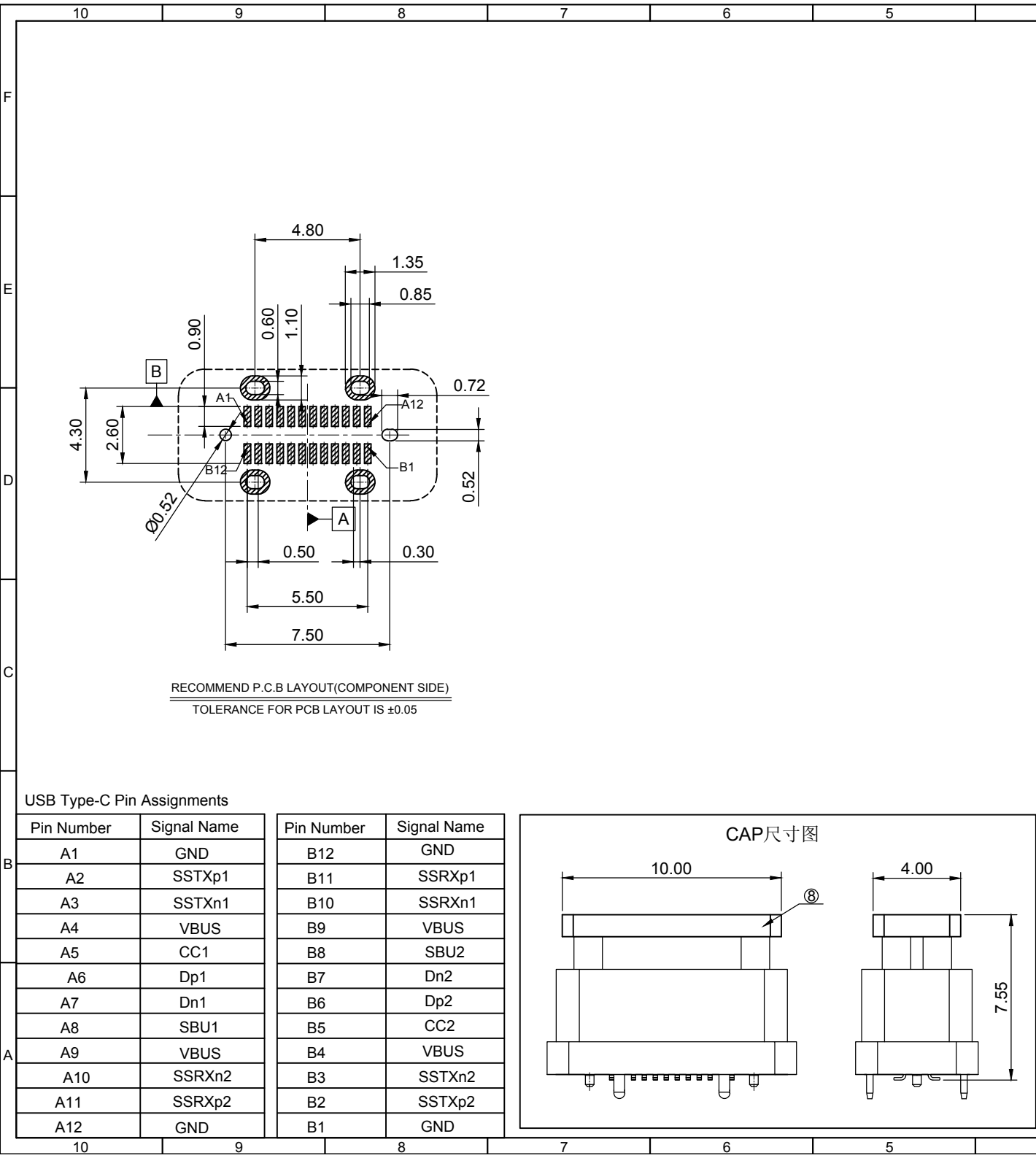


TABLE:

NO	PART	QTY	Material	
1	SHELL	1	STAINLESS STEEL 304, NI 30u" MIN PLATED	
2	EMI Plate	1	STAINIESS STEEL 301,NI 30u" MIN PLATED	
3	Mid Plate	1	STAINIESS STEEL 301, NO PLATED	
4	CONTACT	24	COPPER STEEL C18400,CONTACT AREA: Au 3u" Min; SOLDER TAIL: G/F,OVER ALL: 50u" Min Ni UNDERPLATED	
5	1MD HOUSING	1	LCP BLACK UL94 V-0	
6	2MD HOUSING	1	LCP BLACK UL94 V-0	
7	PLASTIC SHELL	1	NYLON BLACK UL94 V-0	
8	CAP	1	LCP BLACK UL94 V-0	
9	GLUE	-	SILICONE	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2024-08-15	ZDT 深圳市中科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co.,Ltd. TITLE USB TYPE-C RECEPTACLE 24PIN VERTICALH=6.5 WATERPROOF IPX7 PART NO. Ordering Information CFW24-010-02 DWG NO. CFW24-010-02
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2024-08-15	
X.XX	±0.20	APPROVED BY: Jacky	Date: 2024-08-15	
X.X	±0.30			
ANGULAR	±3°			
THIRD ANGLE PROJECTION		UNT	SCALE	DRAWING
		mm	1:1	A4
				SHEET NO.
				1 OF 3
				REV.
				F



REV	ECN No.	DATE	REMARK
A	NEW	2023.03.13	NEW RELEASE
B	---	2023.06.20	变更新料号WCF24002-02=>CFW24-010-02
C	---	2023.08.01	增加机壳面板尺寸示意图
D	---	2023.12.28	优化产品结构, 改善胶水爬胶不良
E	---	2024.06.12	依客户要求增加部份尺寸公差标注
F	---	2024-08-15	增加两排端子落差0.08mm MAX管控

NOTE:

1.ELECTRICAL PERFORMANCE,
1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
1-2. VOLTAGE RATING:20V DC/AC (RMS. MAX)
1-3. LLCR:..
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
1-4.INSULATION RESISTANCE: 100MΩ MIN
1-5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
2.MECHANICAL PERFORMANCE,
2-1.INSERTION FORCE: 5~20N.
2-2.EXTRACTION FORCE: 8~20N.
2-3.DURABILITY: 10000 CYCLES.
3.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
5.COMPLIANCE WITH ROHS REQUIREMENTS.
6.WATERPROOF IPX7,1.0M@30MINUTES.
7.SALT SPRAY:48H

TID No.12179
IEC62680-1-3: 24B01N001457-001-COM

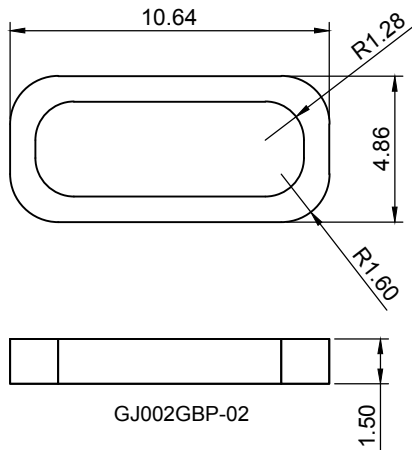
Ordering Information:
CF W 24 - 010 S C B 12 XX - 02
1 2 3 4 5

1.Product type:
W:WATERPROOF
2.Pin No.:
24:24Pin
3.HOUSING COLOR:
B:BLACK
4.CONTACTS PLATED:
12:Contact Area: Au 3u"Solder Tails:GF
5.PACKING OPTIONS
VR:TAPE & REEL+VACUUM PACKAGING

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2024-08-15	ZDT 深圳市中科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co.,Ltd.	
X.XXX	±0.10	CHECKED BY:	Date:	TITLE USB TYPE-C RECEPTACLE 24PIN VERTICALH=6.5 WATERPROOF IPX7	
X.XX	±0.20	liuzongliang	2024-08-15	PART NO. Ordering Information	
X.X	±0.30	APPROVED BY:	Date:	DWG NO. CFW24-010-02	
ANGULAR	±3°	Jacky	2024-08-15	DRAWING A4	
THIRD ANGLE PROJECTION		UNT	SCALE	SHEET NO. 2 OF 3	
		mm	1:1	REV. F	

10 9 8 7 6 5 4 3 2 1

防水圈尺寸图
DIMENSION DIAGRAM OF WATERPROOF RING

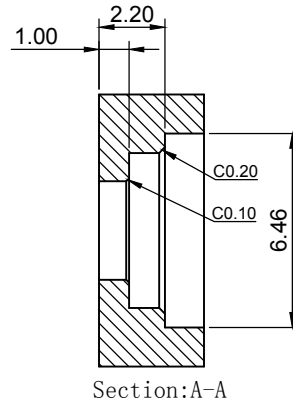


备注:

1. 材质: 硅胶黑色无卤, 耐高温270度, 硬度60+/-5 UL94V-2
2. 不可缺胶, 变形, 毛边, 脏污。

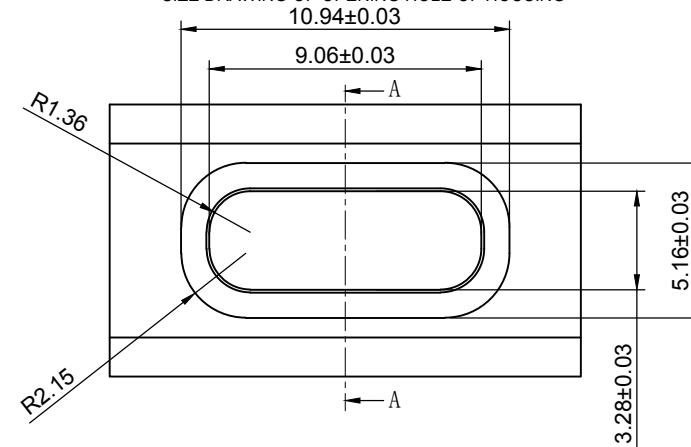
NOTES:

1. MATERIAL: SILICA GEL SI70A BLACK HALOGEN-FREE, HIGH TEMPERATURE RESISTANCE 270 DEGREES, HARDNESS 60 +/-5 UL94V-2
2. INDISPENSABLE GLUE, DEFORMATION, BURRS, DIRT.

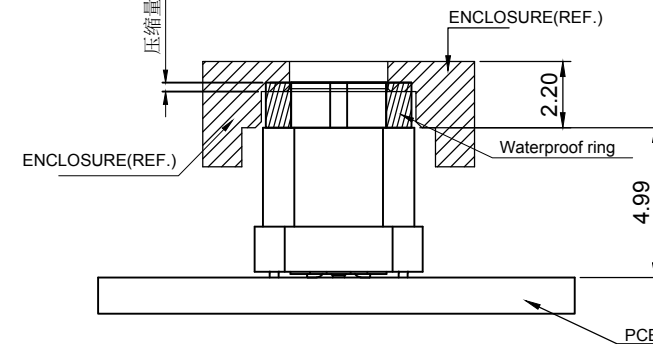


REV	ECN No.	DATE	REMARK
A	NEW	2023.03.13	NEW RELEASE
B	---	2023.06.20	变更新料号WCF24002-02=>CFW24-010-02
C	---	2023.08.01	增加机壳面板尺寸示意图
D	---	2023.12.28	优化产品结构, 改善胶水爬胶不良
E	---	2024.06.12	依客户要求增加部份尺寸公差标注
F	---	2024-08-15	增加两排端子落差0.08mm MAX管控

机壳开孔尺寸图
SIZE DRAWING OF OPENING HOLE OF HOUSING



SUGGESTED PERIMETER INTERFERENCE
BETWEEN APRONS AND HOUSING
胶圈与机壳建议周边干涉量



RECOMMENDED SCHEMATIC DRAWING
OF CONNECTOR MATCH CHASSIS

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY:	
--	--	-----------	--