



REV	ECN No.	DATE	REMARK
A	NEW	2020.10.15	NEW RELEASE
B	ECR2205003	2022.05.31	依实物顶部两个点修改图纸相符
C	ECR240108-001	2024.01.08	1M减胶 改善内部 增加胶水通道,改善气密

Remark:

- MECHANICAL PERFORMANCE:
 - 1-1.INSERTION FORCE: 5~20N.
 - 1-2.EXTRACTION FORCE: 8~20N INITIAL,6~20N AFTER TEST;
 - 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE:
 - 2-1. CURRENT RATING:5A MIN FOR VBUS,0.25A MIN FOR OTHERS
VOLTAGE RATING: 20V MAX.

2-2. LLCR:

2-3.INSULATION RESISTANCE: 100MQ MIN

2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

3.The waterproof grade is IPX8(1.5m depth of water).

4.PIN DEFINITION:(GND pins(A1,A12,B1,B12) and Mid Plate should connect together in PCB circuit.)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

5.Environmental Characteristics

Salt Spray: 48H

IR Reflow: Peak Temperature 250±5°C (Time:20S)

Operating Temperature Range: -30°C to +85°C.

Storage Temperature Range: -20°C to +60°C.

Relative Humidity: 15~70%RH

Storage Life : 6 Months

6.Comply to Rohs2.0 & HF.

7.With "▲" for the key control size

PART NUMBER CODE:(产品料号)

CF247-24SL X XX R-C3

CONTACTS PLATED:
14:接触镀金15u"焊接镀金1u"
HOUSING COLOR:
B:BLACK

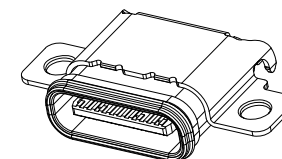
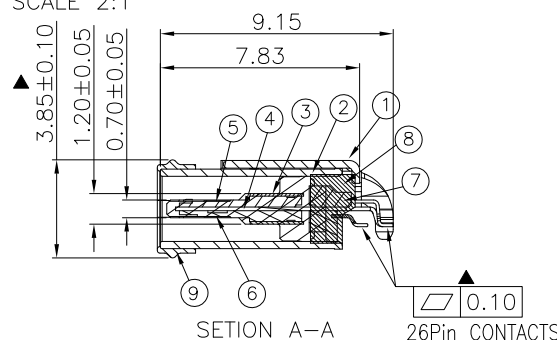
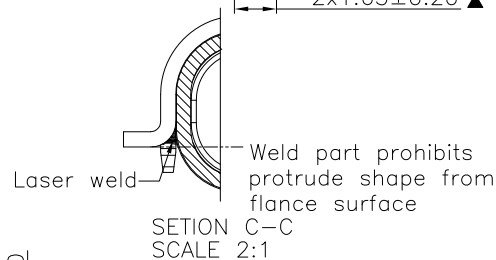
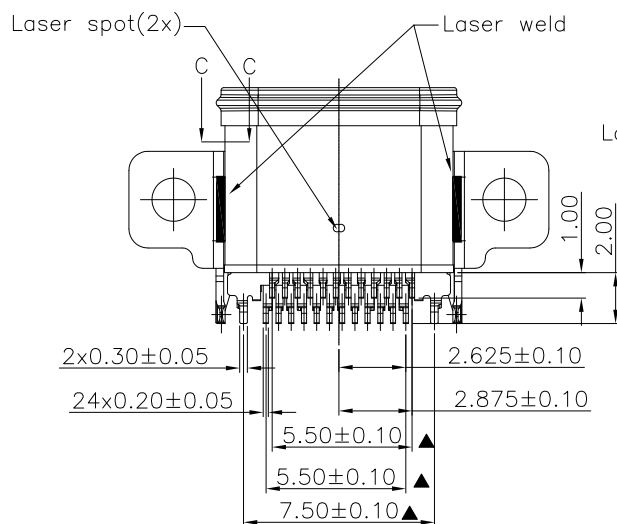
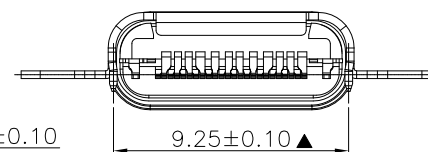
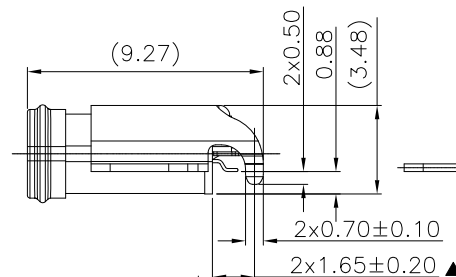
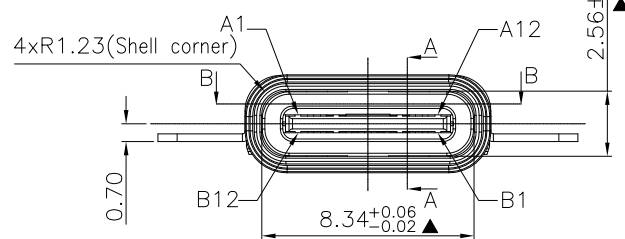
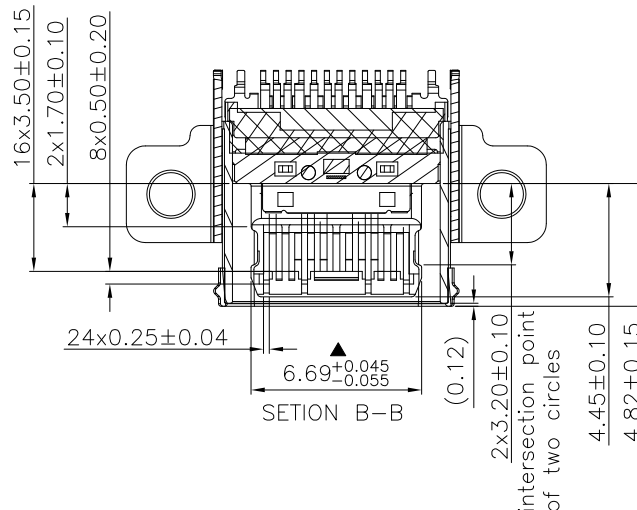
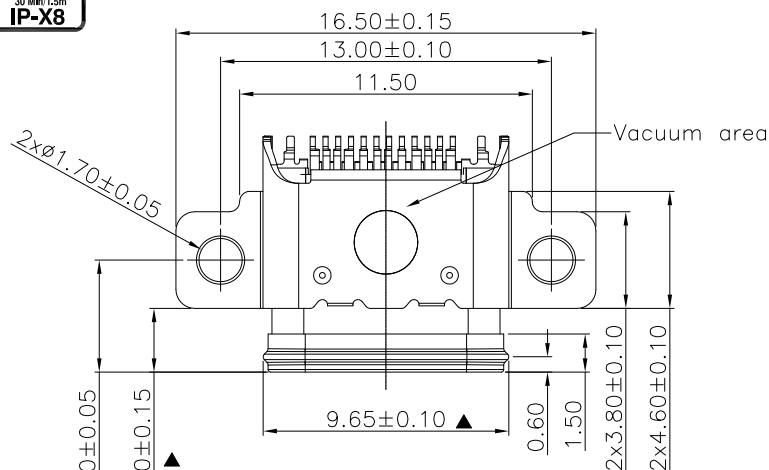


TABLE:

9	Liquid Rubber	1PCS	Si	Color:Black
8	Rubber		Si	Color:Black
7	Insertmolding	1PCS	LCP E6808	Color:Black UL94 V-0
6	Bottom Contact	12PCS	C18150-R540, T=0.12	Mating Area: Ni 50u"MIN.+Au 15u" Min. Solder Tails: Ni 50u"MIN.+Au 1u" Min.
5	Top Contact	12PCS	C18150-R540, T=0.12	
4	Mid Plate	1PCS	SUS301R-H, T=0.15	Ni 50u"MIN.+Solder area: Au 1u"MIN.
3	GND Plate	2PCS	SUS301R-H, T=0.10	None
2	Shell	1PCS	SUS316, T=0.30	Ni:50u" Min.
1	Frame	1PCS	SUS304R-1/2H, T=0.30	Ni:50u" Min.
NO.	Part Name	Q'TY	Material	Finish
PART NO.:		DRAWN BY:		
SEE THE PART NUMBER CODE		HuangXiaoHao		
GENERAL TOLERANCES		CHECKED BY:		
x.xxxx	± ---	liuzongliang		
x.xxx	± 0.10	APPROVED BY:		
x.xx	± 0.25	Jacky		
x.x	± 0.30	THIRD ANGLE PROJECTION		
ANGULAR	± 3°	DIMENSIONS		
		SCALE		DRAWING
		mm		SHEET NO.
		1:1		DWG.NO.
		A4		1 OF 2
				CF247-24-C3

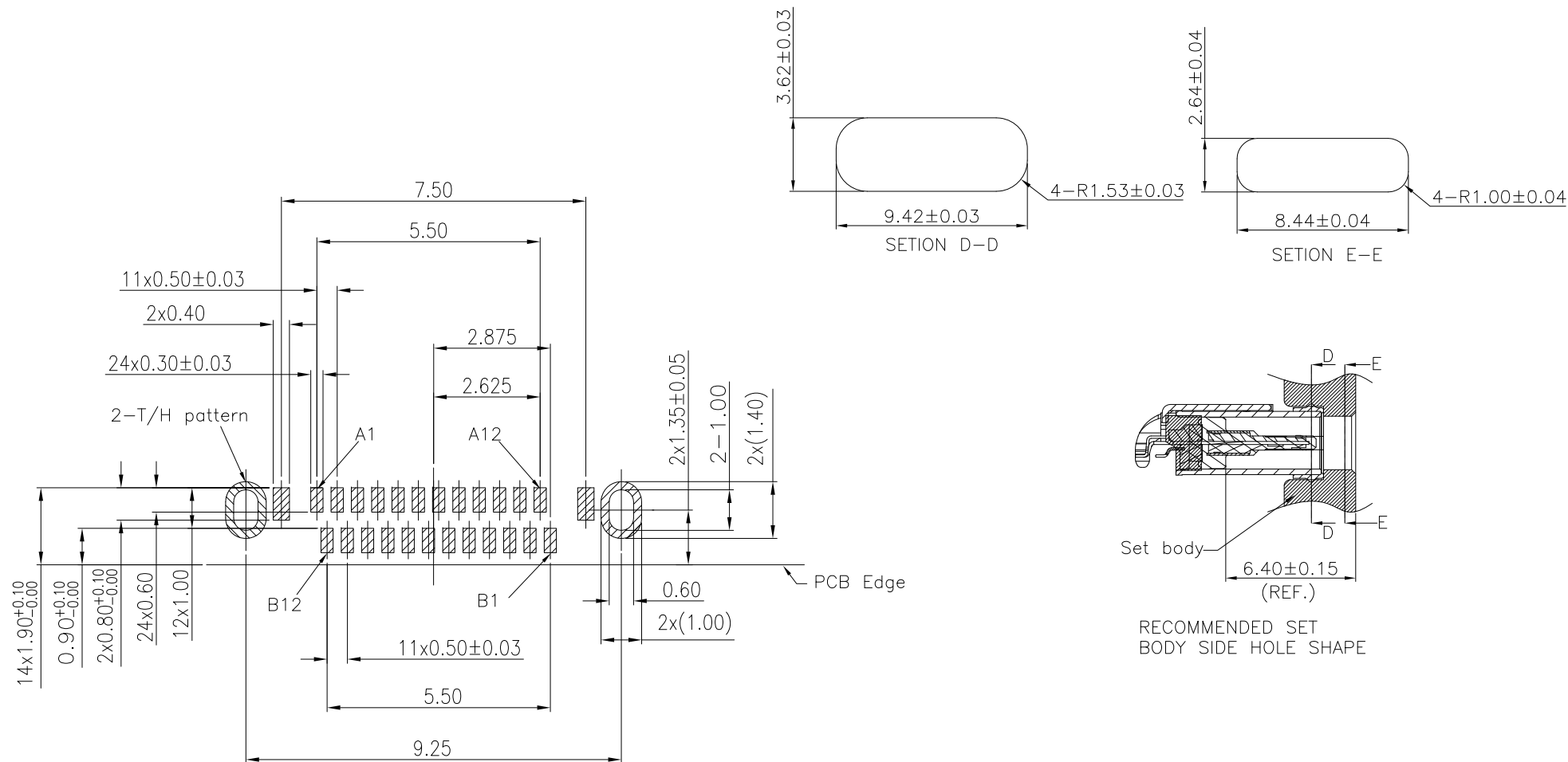
深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO.,LTD

TITLE
USB TYPE-C 24Pin防水沉板CH0.7带耳





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RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE:±0.05
SCALE:2:1

PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD				
GENERAL TOLERANCES		CHECKED BY: liuzongliang						
x.xxxx	± ---	APPROVED BY: Jacky		TITLE USB TYPE-C 24PIN防水沉板CH0.7带耳				
x.xxx	± 0.10	THIRD ANGLE PROJECTION 		DIMENSIONS	SCALE	DRAWING	SHEET NO.	DWG.NO.
x.xx	± 0.25			mm	1:1	A4	2 OF 2	CF247-24-C3
x.x	± 0.30							
ANGULAR	± 3°							