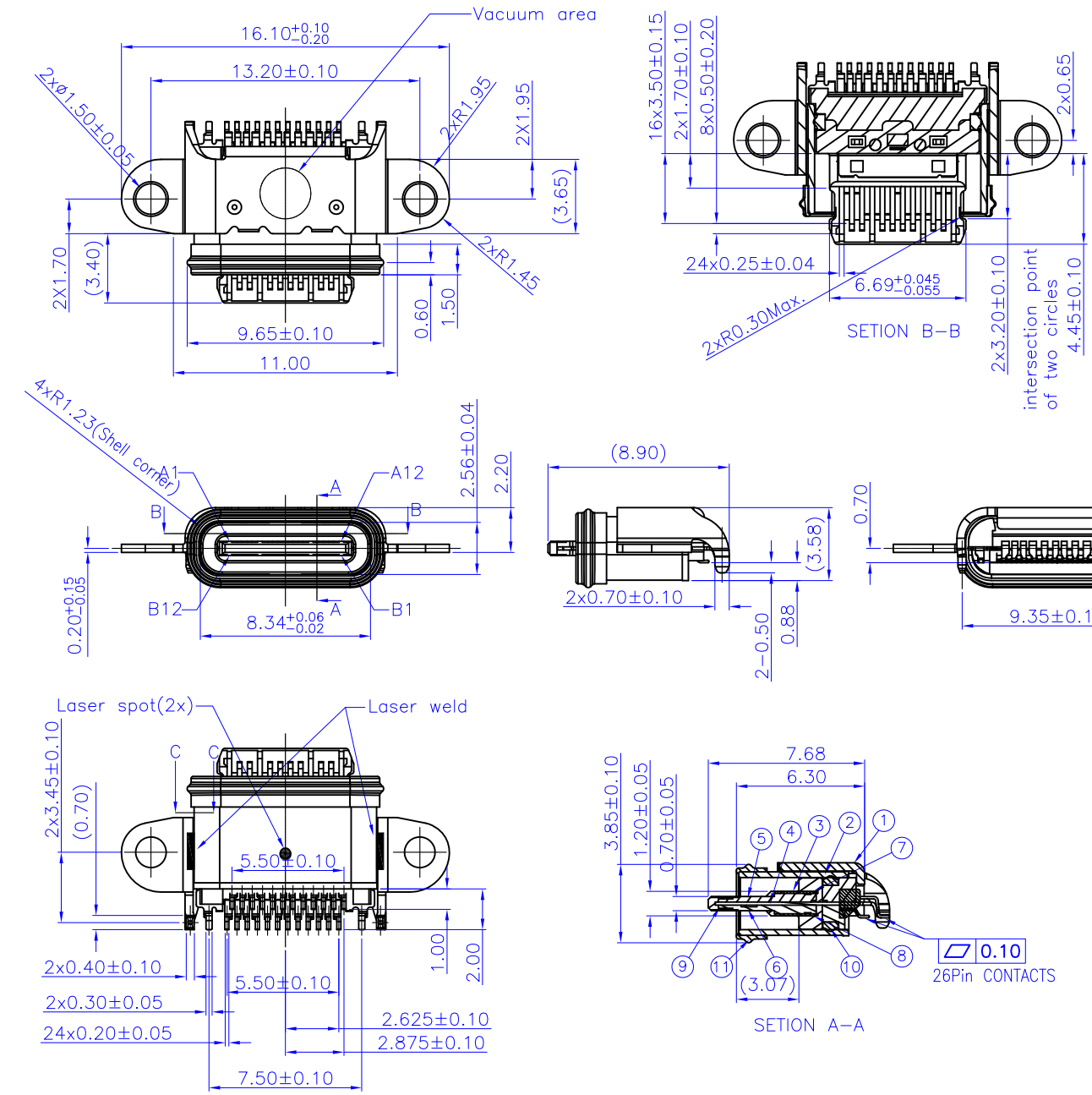




REV	ECN No.	DATE	REMARK
A	NEW	2020.10.15	NEW RELEASE
B	ECR2205003	2022.05.31	依实物顶部两个点修改图纸相符
C	ECR240108-001	2024.01.08	IM减胶 改善内部 增加胶水通道,改善气密



Remark:

1.MECHANICAL PERFORMANCE,
1-1.INSERTION FORCE: 5~20N.
1-2.EXTRACTION FORCE: 8~20N INITIAL,6~20N AFTER TEST;
1-3.DURABILITY: 10000 CYCLES.

2.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: 100MΩ 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,B2) and Mid Plate should connect together in PCB circuit.)

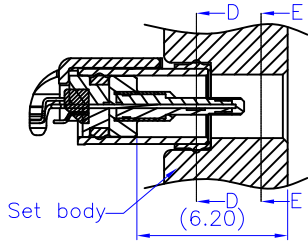
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Mid Plate	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

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.

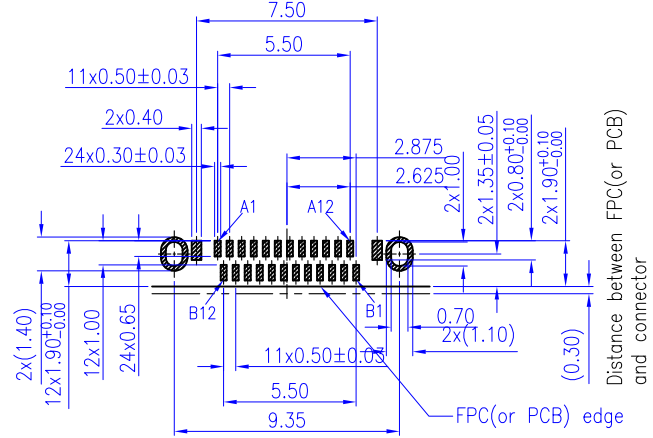
PART NUMBER CODE:(产品料号)
CF246-24SL X XX R-C3
(1)(2)
(1) HOUSING COLOR:
B:BLACK
(2) CONTACTS PLATED:
14:接触镀金15u"焊接镀金1u"

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.
5	Top Contact	12PCS	C18150-R540, T=0.12	Solder Tails: Ni 50u"MIN.+Au 1u" Min.
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:		ZDT 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:		
x.xxxx	± ---	liuzongliang		TITLE USB TYPE C 24PIN防水沉板CH0.7带耳舌片外露
x.xxx	± 0.10	APPROVED BY:		
x.xx	± 0.25	Jacky		
x.x	± 0.30			UNIT mm
ANGULAR	± ---°			
				SHEET NO. 1 OF 2
				DWG.NO. CF246-24-C3

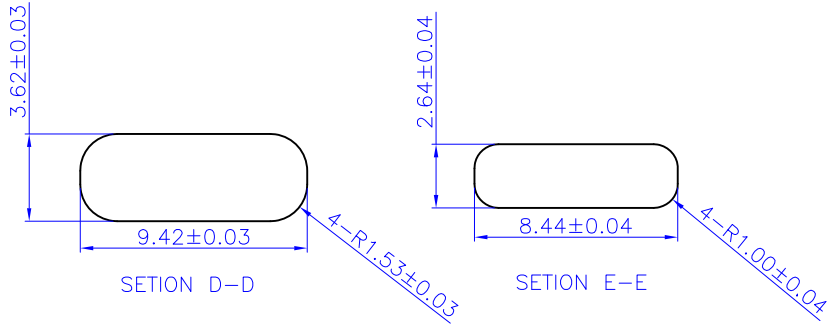
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RECOMMENDED SET
BODY SIDE HOLE SHAPE



RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE:±0.05



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			
		liuzongliang					
x.xxxx	± ---	APPROVED BY:		USB TYPE C 24PIN防水沉板CH0.7带耳舌片外露			
x.xxx	± 0.10						
x.xx	± 0.25						
x.x	± 0.30						
ANGULAR	± ---°						