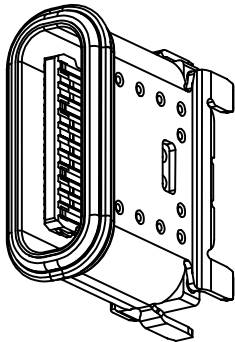
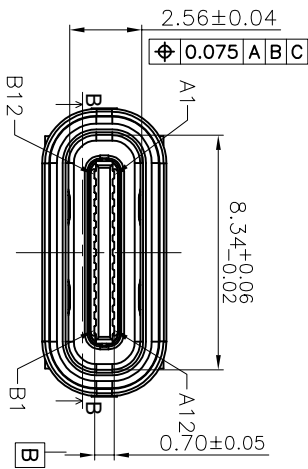
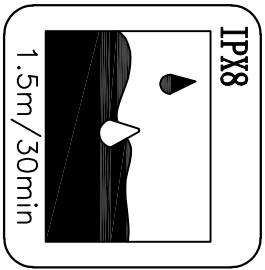
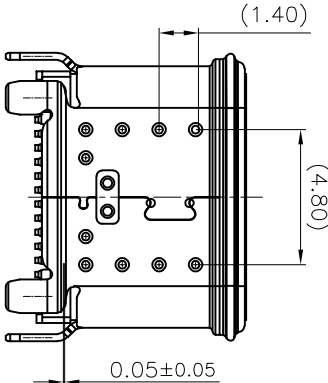
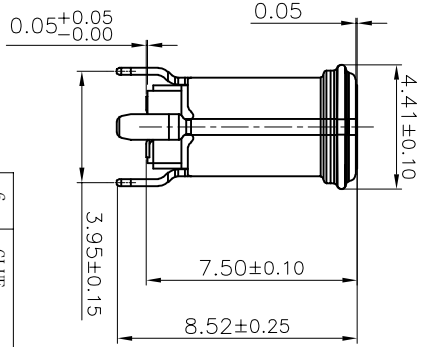
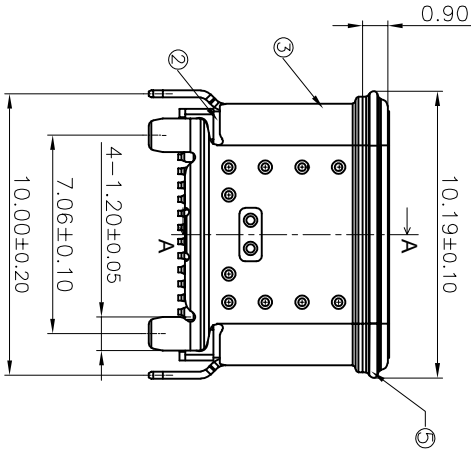
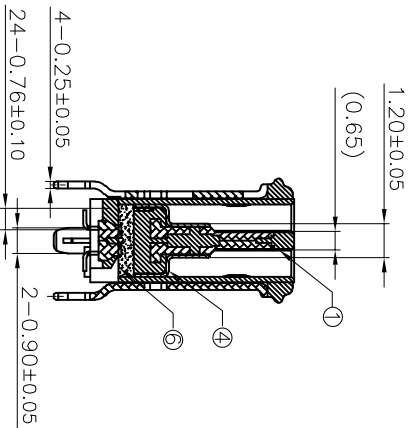


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN

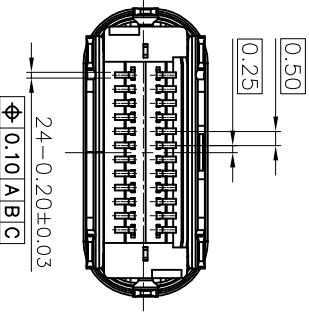
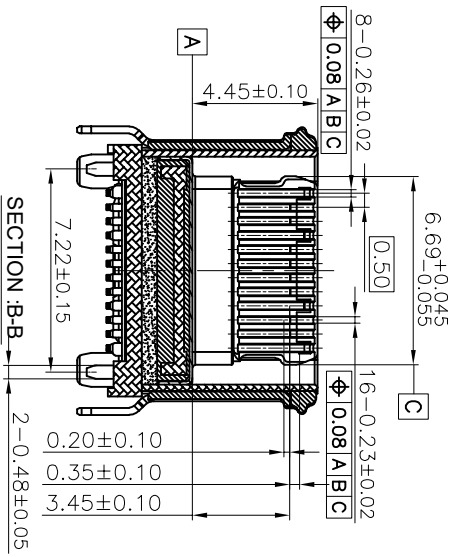


3D VIEW

- SPECIFICATION:
1. Material & Finish: See the list
 2. Mechanical:
 - 2.1 Mating force: 5~20N
 - 2.2 Unmating force: Initial: 8~20N; Final: 6~20N
 - 2.3 Durability: 10000 Cycles
 3. Electrical:
 - 3.1 Current Rating:
VBus Pins: 5A, Vconn Pin: 1.25A, Other Pins: 0.25A
 - 3.2 Voltage Rating: 30V Max.;
 - 3.3 Dielectric Withstanding voltage: 100Vdc, 60S, 10mA
 - 3.4 Contact resistance: 40m Ohms Max.;
 - 3.5 Insulation Resistance: 100M Ohms Min.
 4. Environmental:
 - 4.1 Operating temperature: -40°C~+85°C;
 - 4.2 Salt Spray Test: 48H Min. (No oxidation or rust)
 - 4.3 Wetting Temperature: 265±5°C, 5±0.5s
 - 4.5 Waterproof Level: IPX8



SECTION :A-A



NO.	NAME	MATERIAL	REMARKS	QTY
6	GLUE	EPOXY RESIN	COLOR: BLACK	g
5	LIM. RING	SILICA GEL	NA	1 PCS
4	EMC	SUS 316L, T=0.12mm	CLEAN	1 PCS
3	OUT SHELL	SUS 304-H, T=0.25mm	50μ" NICKEL PLATED	1 PCS
2	INNER SHELL	SUS 316L, T=0.20mm	NO PLATING	1 PCS
1	INSERT MD	MID PLATE, SUS 301-H, T=0.15mm CONTACT: C18400, T=0.12mm	NO PLATING AU/NICKEL PLATED	SET
		PLASTIC: PA46	COLOR: BLACK, UL94V-0	

TOLERANCE			NAME/(INTENDED USE)		DRAWG NO.	
XX ±0.30 X* ±10°			CUSTOMER DRAWING		FY23-12CF241F475-01	
XX ±0.20 X* ±8°					CF 24P防水立贴7.5	
XXX ±0.10 XX* ±5°						
UNITS	mm		DESIGN:	ZXM		
MATERIAL	---		CHED:			
FINISH	---		APPD:			

FYUO 广东 聚兴亚精密科技实业有限公司
Dongguan FYUO Precision Electronic Technology Co., Ltd.

SCALE

1:1

SHEET

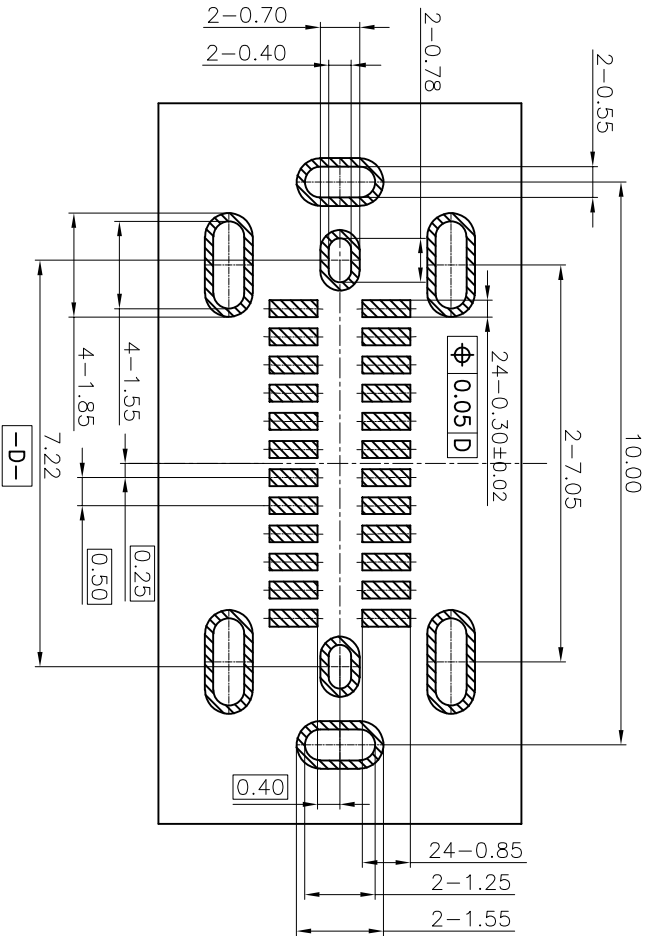
1/2

REV.

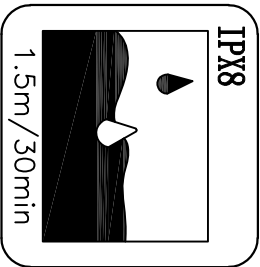
A

USB TYPE-C FULL-FEATURED RECEPTACLE
INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SRB2	Sideband Use(SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

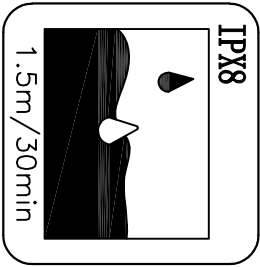
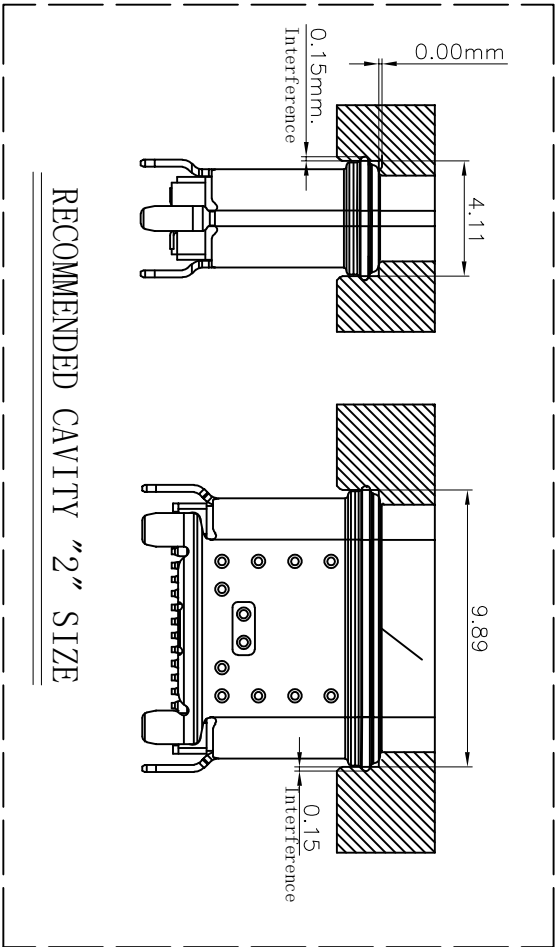
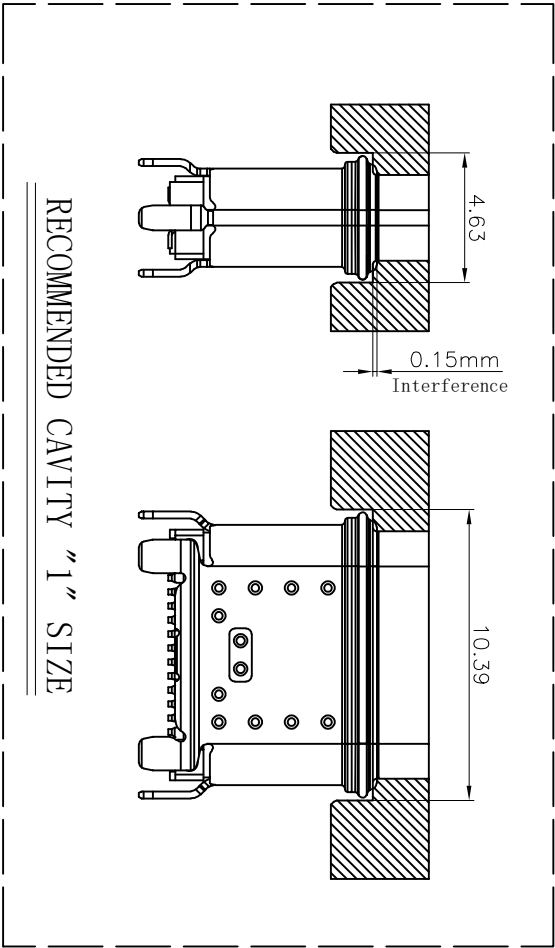


RECOMMENDED PCB LAYOUT (SCALE 2:1)
TOLERANCE UNSPECIFIED ±0.05mm



TOLERANCE		NAME(INTENDED USE)	
X.X	±0.30 X.° ±10°	CUSTOMER DRAWING	
.XX	±0.20 .X.° ± 8°	PART NO.	TITLE:
.XXX	±0.10 .XX.° ± 5°	DESIGN: ZXM	CF 24P防水立贴7.5
UNITS	mm	DRAWG NO.	FY23-12CF241F475-01
MATERILA	----	CHED:	SCALE 1:1
FINISH	-----	APPD:	SHEET 1/2
			REV. A

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



TOLERANCE				NAME(INTENDED USE)		广东富盈兴业有限公司 Guangdong FY20U Precision Electronic Technology Co.,LTD.				
				CUSTOMER DRAWING					PART NO.	
X.X ±0.30 X.° ±10°				FY23-12CF241F475-01						
.XX ±0.20 .X° ± 8°										
.XXX ±0.10 .XX° ± 5°				DESIGN: ZXM						
UNITS		mm		CHED:						
MATERILA		-----		APPD:						
FINISH		-----								
										
				DRAWG NO.						
				FY23-12CF241F475-0						
		SCALE		SHEET		REV.				
		1:1		1/2		A				

IPX8

1.5m/30min