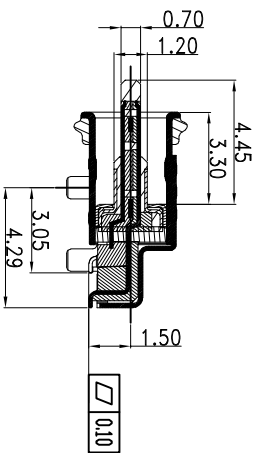
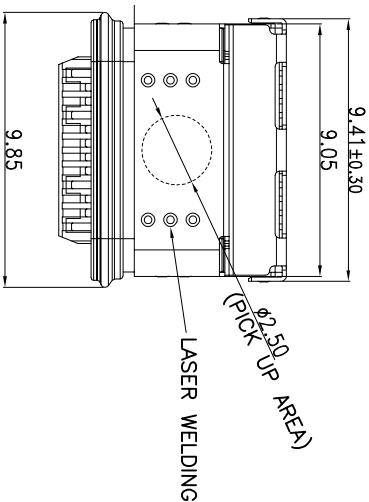


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



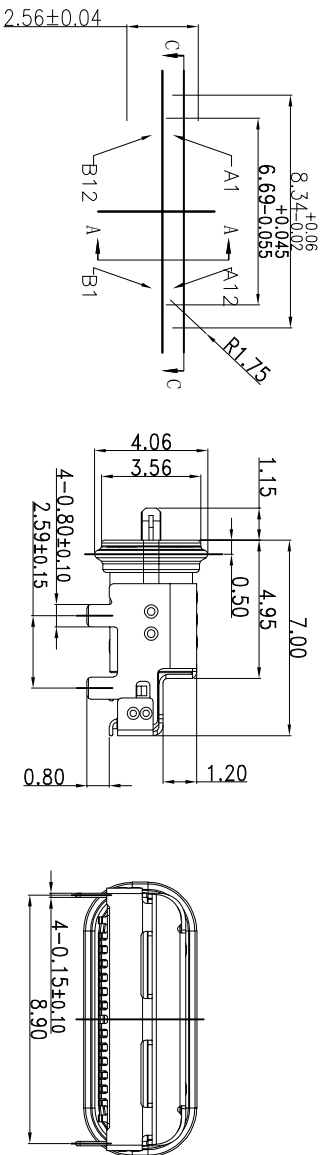
SECTION A-A(SCALE 1:1)

NOTE:

- 1.MATERIAL SEE TABLE 1.
- 2.PLATING SPECIFICATION:SEE TABLE 1
- 3.MECHANICAL PERFORMANCE:
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE:
 - 4-1. CURRENT RATING:5.0A
 - 4-1. VOLTAGE RATING:5V
- 4-2. LCR:
 - VBUS & GND PINS AND OTHER PINS: 30mΩ/PIN MAX.
 - LCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.

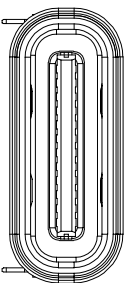
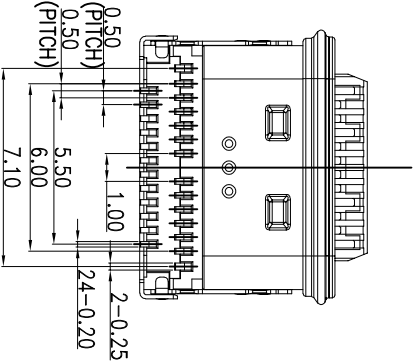
5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



Pin Assignment:

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-	CC2	VBUS	TX2-	TX2+GND			
B12	B11	B10	B9	B8	B7	B6	B5	A4	B3	B2	B1



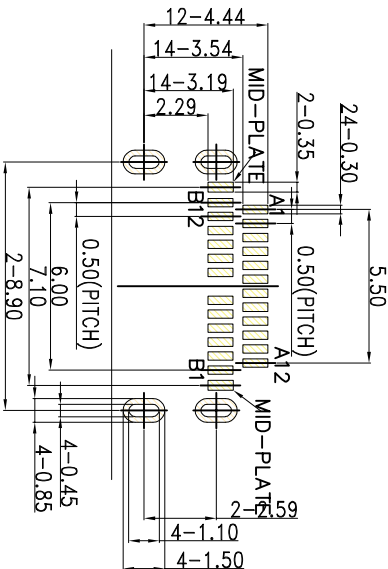
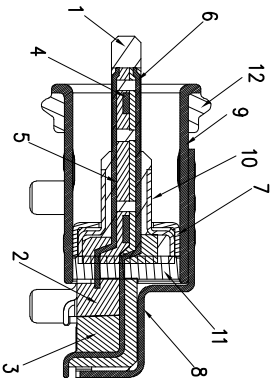
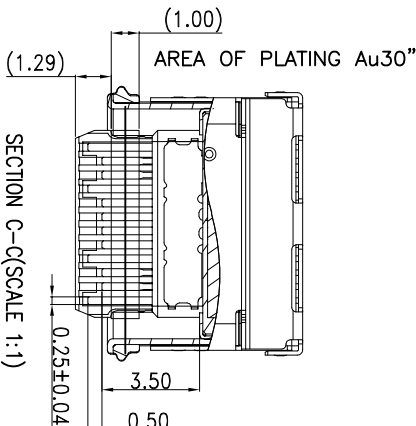
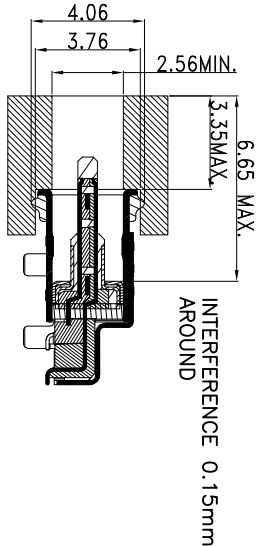
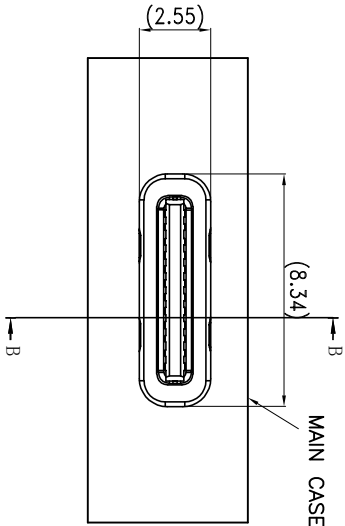
TOLERANCE		NAME(INTENDED USE)		DRAWG NO.	
X.X ±0.30 X. ±10°		CUSTOMER DRAWING		FY23-0TC241F170-01	
.XX ±0.20 .X. ± 8°		PART NO.		CF 24P防水母座板上1P68	
.XXX ±0.10 .XX ± 5°		DESIGN: ZXM		SCALE 1:1	
UNITS mm		CHED:		SHEET 1/2	
MATERILA		APPD:		REV. A	
FINISH					

Guangdong FUYOU Precision Electronic Technology Co.,LTD.

FY23-0TC241F170-01

CUSTOMER

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

TABLE 1

12	LIN	1	GLUE	
11	GLUE	1	PAINT	
10	EMI	1	STAINLESS STEEL	CLEAN
9	MAIN SHELL	1	STAINLESS STEEL	NI 30U" MIN. UNDER PLATED OVER ALL.
8	OUT SHELL	1	STAINLESS STEEL	NI 30U" MIN. UNDER PLATED OVER ALL.
7	INNER SHELL	1	STAINLESS STEEL	CLEAN
6	TOP TERMINAL	1	COPPER ALLOY	MATING AREA:30U" AU MIN ON CONTACT AREA; AND 3U" AU ON SOLDER AREA
5	BOTTOM TERMINAL	1	COPPER ALLOY	MATING AREA:30U" AU MIN ON CONTACT AREA; AND 3U" AU ON SOLDER AREA
4	MID PLATE	1	STAINLESS STEEL	NI 30U" MIN. UNDER PLATED OVER ALL.
3	TOP HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC;UL94 V-0.	
2	BOTTOM HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC;UL94 V-0.	
1	MAIN HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC;UL94 V-0.	
ITEM	DESCRIPTION	QTY	MATERIAL	DESCRIBE

TOLERANCE		NAME(INTENDED USE)	
X.X	±0.30 X.° ±10°	PART NO.	CUSTOMER DRAWING
.XX	±0.20 .X° ± 8°	DESIGN:	ZXM
.XXX	±0.10 .XX° ± 5°	DRAWG NO.	FY23-0TC241F170-01
UNITS	mm	CF	24P防水母座板上;IP68
MATERILA	----		
FINISH	-----		

FY20U 广东富盈兴业精密科技实业有限公司
Guangdong FY20U Precision Electronic Technology Co.,LTD.

SCALE SHEET REV.

1:1 1/2 A