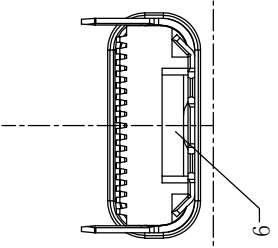
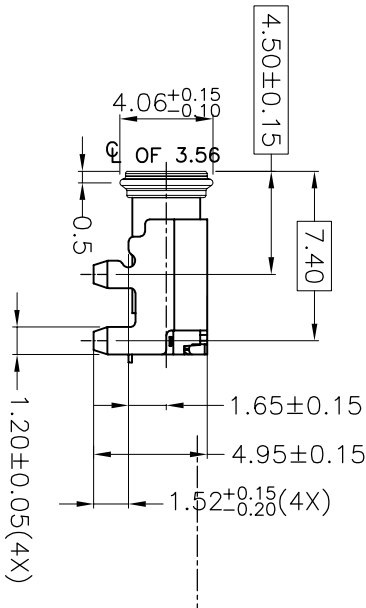
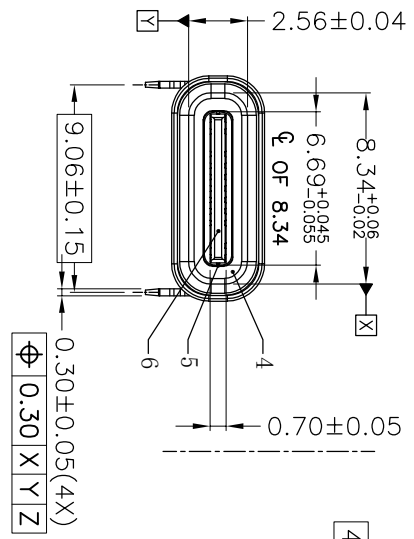
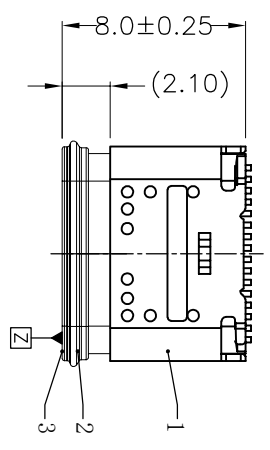
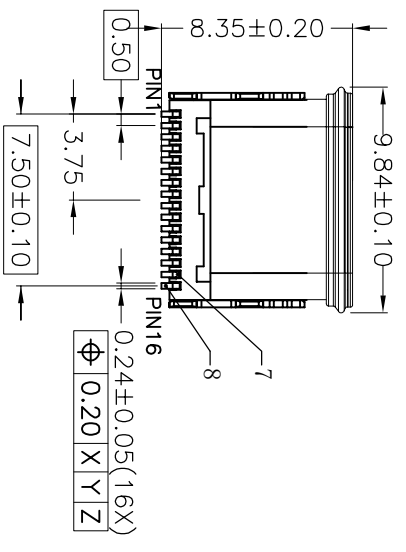


CUSTOMER

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



- Notes:
- ELECTICAL characteristics:
    - 1-1. Dielectric withstanding: 500V AC/minute.
    - 1-2. Current rating: Bus and GND contact:  $\geq 1.25A/pin$ , Parallelled for a total of 5A Min  
Other contacts:  $\geq 0.25A/pin$
    - 1-3. Initial ILCR: 40m $\Omega$  max, after test  $\Delta 10m\Omega$  max;  
40m $\Omega$  MAX. FOR VBUS, GND AND OTHER CONTACTS,  
50m $\Omega$  MAX. FINAL AFTER TEST.
    - 1-4. Insulation Resistance: 1000M $\Omega$  Min
  - Mechanical characteristics
    - 2-1. Insert force: 5~20N MAX.
    - 2-2. Withdraw force: 8~20N, after test: 6~20N
    - 2-3. Durability: 10000 cycles min
    - 2-3 Laser point: Height < 0.05mm, Pulling force > 50N
  - Environment characteristics
    - 3-1. Operating temperature: -40~+85C
    - 3-2. Solder spray: 48hours (EIA-364-266-B)
    4. Burr: 0.05MM MAX.
    5. Tape and reel packing satisfy EIA-364-481 standard



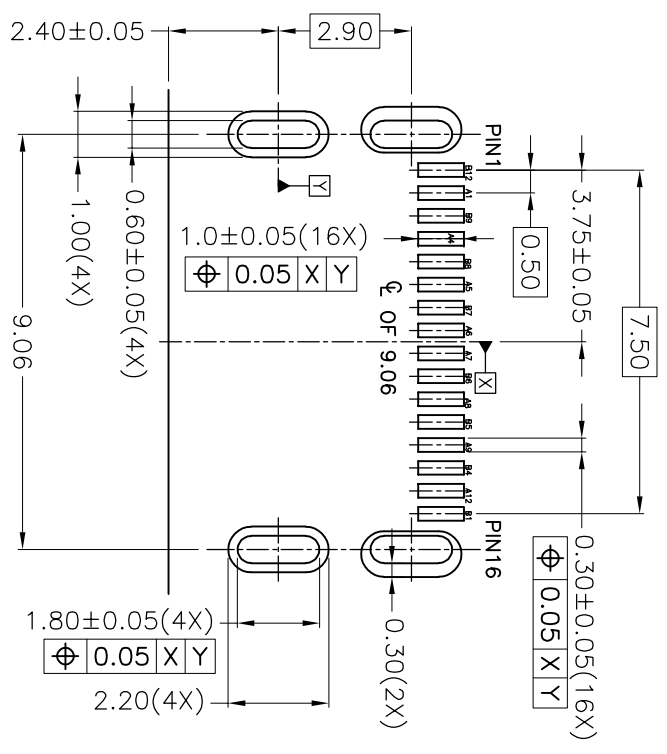
序号	数量	零件名称	材料	镀层
⑧	1	下端子	铜合金C7025 TM03	镀金3U"焊脚镀金G/F
⑦	1	上端子	铜合金C7025 TM03	镀金3U"焊脚镀金G/F
⑥	1	I/M	PA46	黑色
⑤	1	中隔板	不锈钢SUS301	水洗
④	1	EMI	不锈钢SUS304	水洗
③	1	内铁壳	不锈钢SUS316	水洗
②	1	密封胶圈	液态硅胶成型	黑色 NJSILTMNJ-1005-50A/B
①	1	外铁壳	不锈钢304	镀镍50U"
⑨	1	胶水	黑色环氧胶	H18236

防水等级  
**IP68**

TOLERANCE		NAME (INTENDED USE)	
X.X ±0.30 X.X' ±10'	PART NO.	FYUOU 广东富盈兴业精密科技实业有限公司 Guangdong FYUOU Precision Electronic Technology Co., Ltd.	
.XX ±0.20 X.X' ± 8'	CUSTOMER DRAWING	TITLE: CP 16P防水板上贴片	
.XXX ±0.10 .XX' ± 5'	DESIGN: ZXMM	DRAWG NO. FY23-012TC161F180-01	
UNITS mm	CHEG:	SCALE 1:1	
MATERILA	APPD:	SHEET 1/2	
FINISH		REV. A	

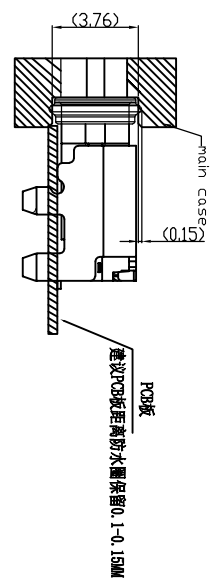
CUSTOMER

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



RECOMMENDED PCB LAYOUT(TOP VIEW)  
PCB THICKNESS 1.72±0.05MM

防水等级  
IP68



Pin	Signal	Description	Mating Sequence	Description	Signal	Pin
2	A1	GND	Ground return	First	GND	B12 1
/	A2	TX1+	/	Second	RX1+	B11 /
/	A3	TX1-	/	Second	RX1-	B10 /
4	A4	VBUS	Bus Power	First	VBUS	B9 3
6	A5	CC1	Configuration Channel	Second	SBUS	B8 5
8	A6	D+	Positive half of the USB 2.0 differential pair-Position 1	Second	SBUS2	B7 7
9	A7	D-	Negative half of the USB 2.0 differential pair-Position 1	Second	D+	B6 10
11	A8	SBUS1	Sideband Use(SBU)	Second	CC2	B5 12
13	A9	VBUS	Bus Power	First	VBUS	B4 14
/	A10	RX2-	/	Second	TX2-	B3 /
/	A11	RX2+	/	Second	TX2+	B2 /
15	A12	GND	Ground return	First	GND	B1 16

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		TITLE:	
X.X	±0.30	X.X	±10'	CP 16P防水板上贴片	
.XX	±0.20	.X'	± 8'	FY23-012TC161F180-01	
.XXX	±0.10	.XX'	± 5'	DESIGN: ZXM	
UNITS	mm		CHED:		DRAWG NO. FY23-012TC161F180-01
MATERILA	-----		APPD:		SCALE SHEET REV. 1:1 1/2 A
FINISH	-----		APPD:		

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