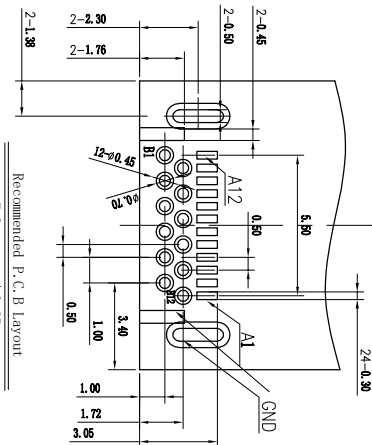
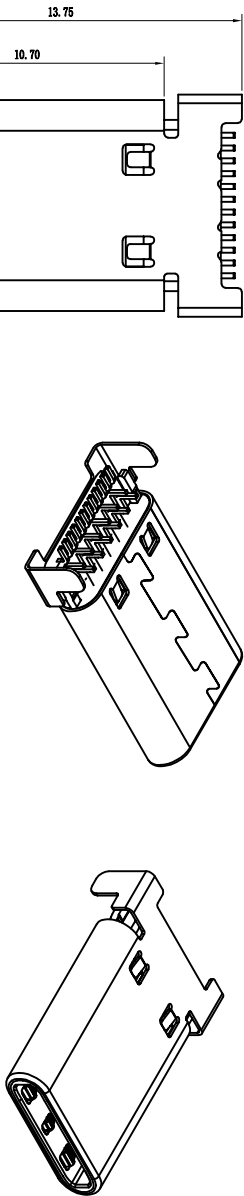
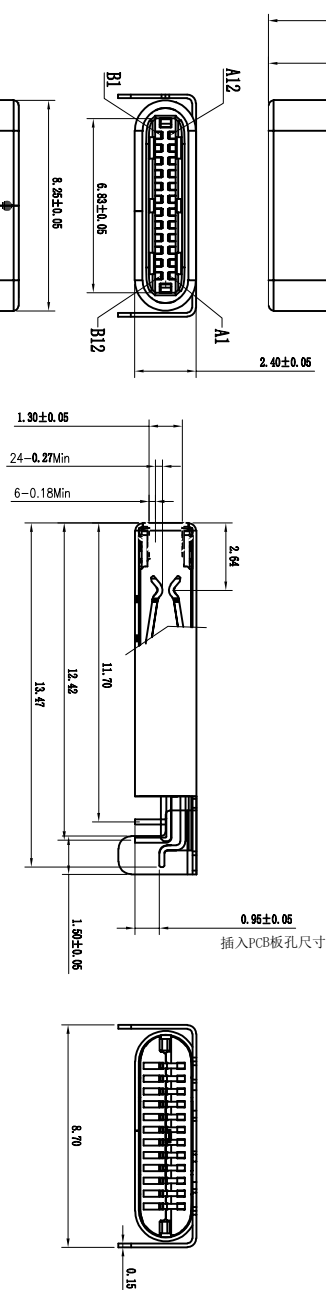


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



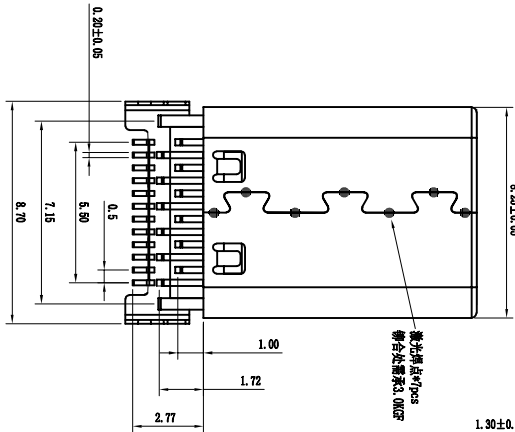
Recommended P.C.B Layout
Tolerance: ±0.05



1. Material:
Contacts: Copper alloy T4-0.15
Insulator: HIGH TEMPERATURE PLASTIC UL 94V-0
Shell: ST2EL T4-0.15
2. Electrical:
Current-max(amp): 5A Max For Vbus/GND PIN;
0.9A Max For Other PIN
Withstanding Voltage: 100V AC R.R.S
Contact Resistance (ohms): 4mΩ Max For Initial 1000 Change After Test; Measure At 20m/100mΩ
3. MECHANICAL CHARACTERISTICS:
Insertion Resistance (ohms): 100 mΩ max.
Mating Force: 5~20N After test.
Unmating Force: 6~20N After test.
Durability: 10000 cycles min.
4. Plating:
Contacts: S28 TABLE Au plated on contact area.
Bright Tin plating 80~100μ"Min on solder area
Nickel Under plating 20μ"Min over all
Shell : plating 20~80μ"Nickel over CU
5. Environmental
Temperature Range: -40° C~+85° C

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	Vbus	B9	Vbus
A5	CC	B8	SBU2
A6	D+	B7	B7
A7	D-	B6	B6
A8	SBU1	B5	Vccaux
A9	Vbus	B4	Vbus
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

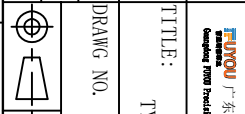


G	EMI	2	SUS301	
F	CONTACT	12	C7025	Au: 10μ"
E	TOP COVER	1	LCP+30%GF, UL 94V-0	BLACK
D	BOTTOM COVER	1	LCP+30%GF, UL 94V-0	BLACK
C	GND PIN	1	SUS301	20~500μ" NICKEL PLATED
B	CONTACT	12	C7025	Au: 10μ"
A	SHELL	1	SUS301	20~500μ" NICKEL PLATED
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

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	TYPE-C24P贴片公头13.75L
UNITS	mm	DRAWG. NO.	
MATERIAL		CHHD:	
FINISH		APPD:	



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



SCALE 1:1
SHEET 1/2
REV. A