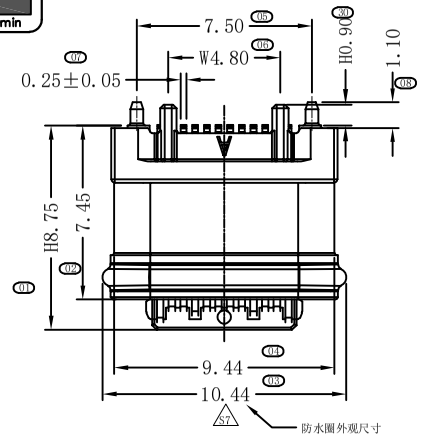
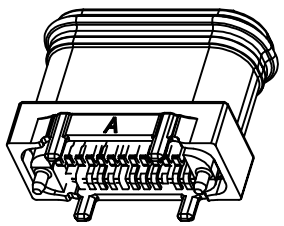
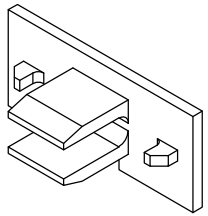


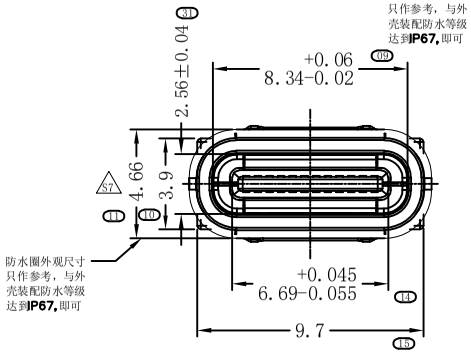


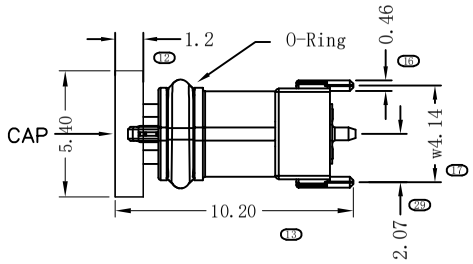


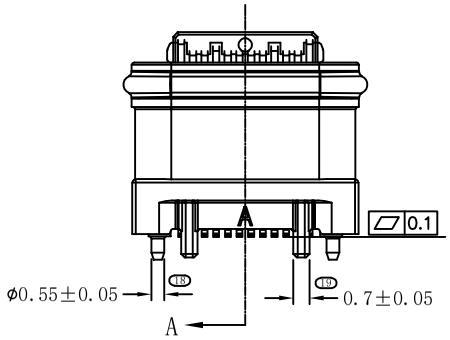
料号备注：
C-FS448-PH87XXY
"01"镀金1U"
"02"镀金3U"
"03"镀金5U"
"04"镀金15U"
"05"镀金30U"
"06"半金锡1U"
"09"半金锡15U"
"10"半金锡30U"
"Y"哑镍
"L"亮镍

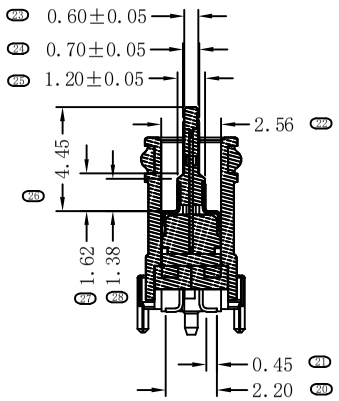
NOTE:
1. MATERIAL:
   1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94V-0;
   1.2 CONTACT: COPPER ALLOY
   1.3 SHELL: ZINC ALLOY
2. ELECTRICAL CHARACTERISTICS;
   2.1 CONTACT RESISTANCE: 40MΩ MAX FOR INITIAL. 30MΩ CHANGE AFTER TEST. MEASURE AT 20MV, 100MA.
   2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
   2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
   2.4 INSULATION RESISTANCE 100MΩ MIN
   2.5 OPERATING TEMPERATURE: -25° C ～ 85° C
3 MECHANICAL CHARACTERISTICS:
   3.1 MATING FORCE: 5~20 N.
   3.2 UNMATED FORCE: 8~20N AFTER TEST
   3.3 DURABILITY: 10,000 CYCLES
4. PLATING
   4.1 TERMINAL CONTACT: GOLD PLATING ALL OVER 1U" MIN NICKEL AND 80U"MIN TIN ALL OVER 50U" MIN NICKEL ON SOLDER AREA
   4.2 SHELL: 30U" MIN. NICKEL ALL OVER,
5. WATERPROOF CONNECTOR RATING IS IP67,
THEY CAN NOT BE USED PERMANENTLY UNDER WATER.

*ALL MATERIALS ARE ROHS COMPLIANT.

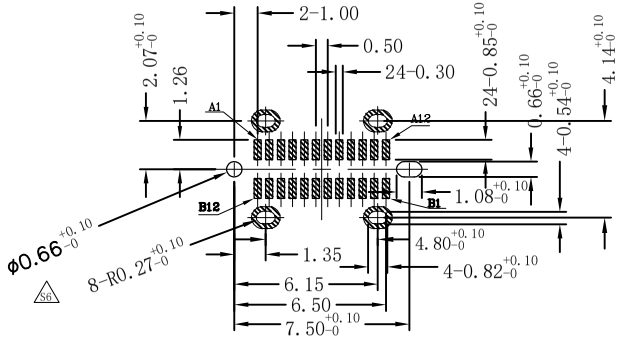








SECTION A-A



RECOMMENDED PCB LAYOUT

A1	GND	B12	GND
A2	SSTXP1	B11	SSTXP1
A3	SSTXN1	B10	SSTXN1
A4	VBUS	B09	VBUS
A5	CC1	B08	SBU2
A6	DP1	B07	DN2
A7	DN1	B06	DP2
A8	SBU1	B05	CC2
A9	VBUS	B04	VBUS
A10	SSRXN2	B03	SSRXN2
A11	SSRXP2	B02	SSRXP2
A12	GND	B01	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

LTR	ECN NO	REVISION	RECORD	DRAW	DATE

TOLERANCE:		UNIT
X. ±0.50	X.° ±1°	MM
.X ±0.35	.X° ±1°	SHEET
.XX ±0.25	.XX° ±1.0°	1/1
.XXX ±0.10		SCALE
		1:1
		REV: A

TXF 同心富

深圳市同心富精密电子有限公司
Shenzhen TXF Precision Electronics Co.,LTD

DRAW:	Andy	2021.5.30	P/N:	C-FS448-PH87XXY
DESIGN:	Andy	2021.5.30	ITEM:	USB 3.1 CF 24P直立式SMT H8.75 脚长H0.9MM防水
CHECK:	MIJO	2021.5.30		
APPR:			DRW NO:	C-24028