

RoHS Compliant Halogen Free

customer drawing

Pin Assignments And Mating Sequence:

Pin NO.	Singnal Name	Mating Sequence	Pin NO.	Singnal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{bus}	First	B9	V _{bus}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{bus}	First	B4	V _{bus}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSTXn2	Second	B2	SSTXn2	Second
A12	GND	First	B1	GND	First
Shell		GND	Shell		GND

NOTE:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CONTACT RESISTANCE: INITIAL 40mΩ MAX;
AFTER 50mΩ MAX;
- 1.2 Rating Current:A current of 5.0 A shall be applied Pin-A4, Pin-A9, Pin-B4, Pin-B9.
- 1.25 A shall be applied Pin-A1, Pin-A12, Pin-B1, Pin-B12.
- 0.25 A shall be applied other pin;
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 1.4 INSULATION RESISTANCE 100MQ Min
- 1.5 OPERATING TEMPERATURE: -40℃ ~ 85℃

2 MECHANICAL CHARACTERISTICS:

- 2.1 MATING FORCE: 5~20 N.
- 2.2 UNMATED FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
- 2.3 FREQUENCE:200±50 CYCLES/HOUR;10000 CYCLES.;



TABLE 1:

⑨	Cover	1	HIGH TEMP	Black	
⑧	Shell	1	Stainless steel	Au PLATED;	T=0.15mm
⑦	Spring Sheet	2	Copper Alloy	Ni Plaing Overall	T=0.10mm
⑥	Latch	1	Stainless steel	Au PLATED;	T=0.30mm
⑤	Terminal-B	12	Copper Alloy	Au PLATED;	T=0.15mm
④	Terminal-A	12	Copper Alloy	Au PLATED;	T=0.15mm
③	Insulator-B	1	HIGH TEMP	Black	
②	Insulator-A	1	HIGH TEMP	Black	
①	Housing	1	HIGH TEMP	Black	

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
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UNLESS OTHERWISE,
GENERAL TOLERANCE:

X.xxx ±0.10
X.xx ±0.20
X.x ±0.30
X. ±0.38

ANGULAR:

X.xx ±1°
X.x ±3°
X. ±5°

深圳市虹康科技有限公司

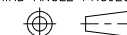
TITLE:
TYPE-C 24PIN PLUG 沉板1.00mm
(铁壳折弯式) 客户图

P/N: U502T24J13ZL2

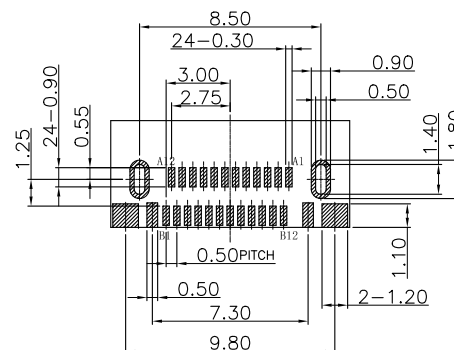
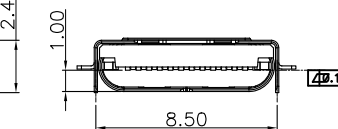
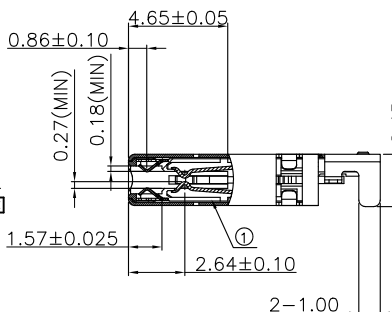
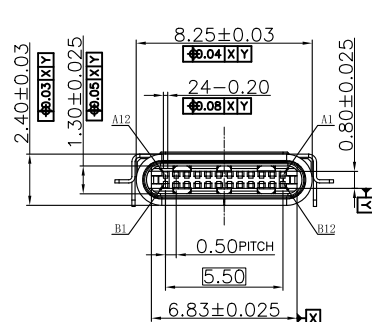
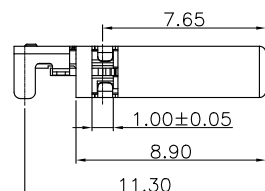
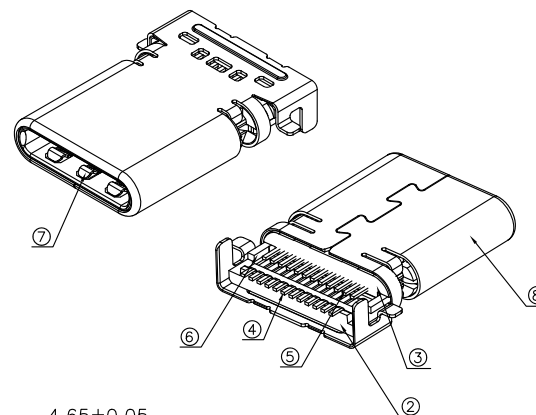
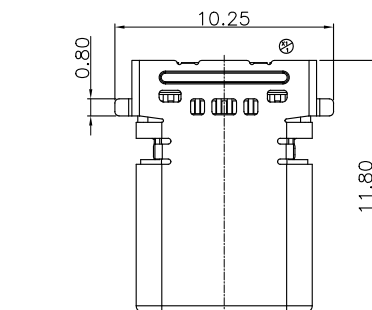
MODEL: U502-3 Series

DRAW NO.:

THIRD ANGLE PROJECTION



UNIT:	SCALE:	SIZE:	SHEET:
mm	1:1	A4	1/1



RECOMMENDED P.C.B LAYOUT(Both sides are sample)
Tolerance:±0.05,Thickness=1.00mm

带CAP图示

JH2016-189	X1	修改铁壳结构	2016.11.03	Bin	DESIGN	Bin	2016.11.03
20160819002	X	NEW DRAWING	2016.09.18	Bin	CHECK	郑小伟	2016.11.03
ECN NO.	REV.	DESCRIPTION	DATE	CHANGE	APPROVAL	吕海涛	2016.11.03