

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2024.11.21	阿树

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSTXp1	Second
A3	SSTXn1	Second	B10	SSTXn1	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	SSTXn2	Second	B3	SSTXn2	Second
A11	SSTXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

NOTE:

1.MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;

1.2 CONTACT: COPPER ALLOY(T=0.15mm)

1.3 SHELL:STAINLESS STEEL(T=0.25mm)

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ 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: -40°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: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA

4.2 OUT SHELL: 50u" Min. NICKEL ALL OVER

U263-161N-4BF852-1

- 1:Au 1U"
2:Au 3U"
5:Au 15U"
6:Au 30U"
1:PBT
2:PA6T
3:PA9T
4:LCP
8:IPX8
B:Black
W:White

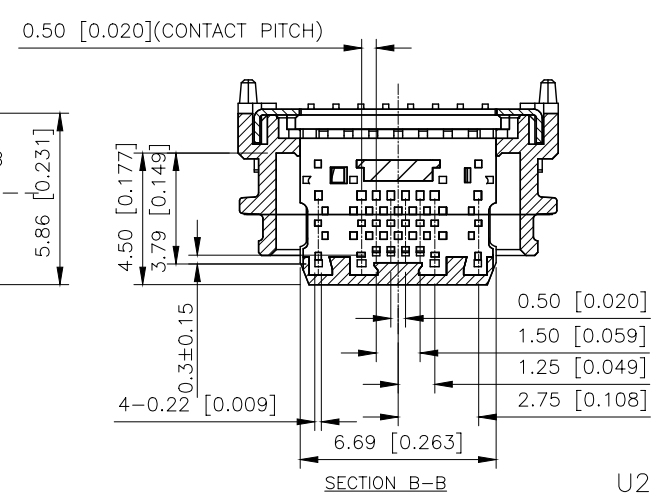
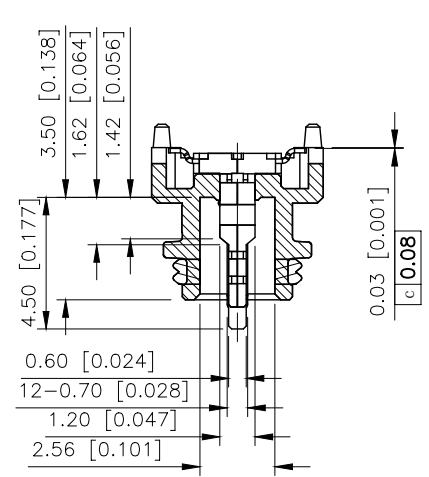
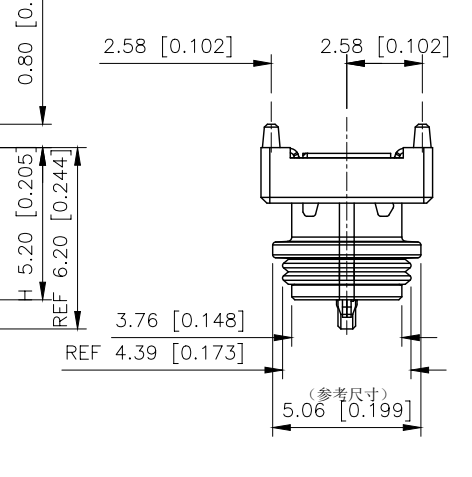
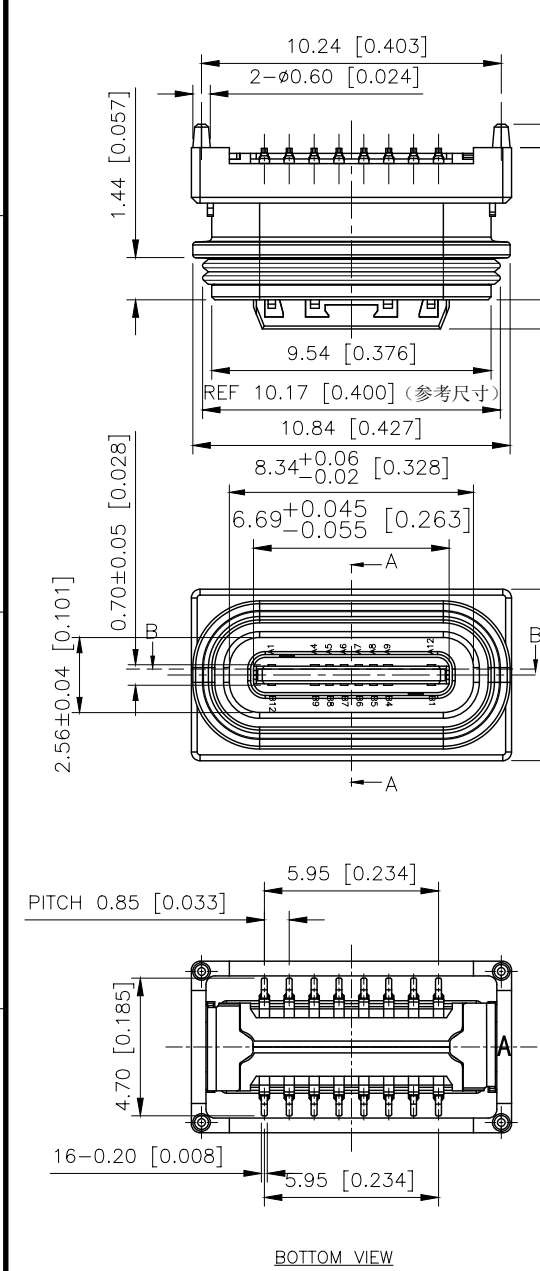
AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



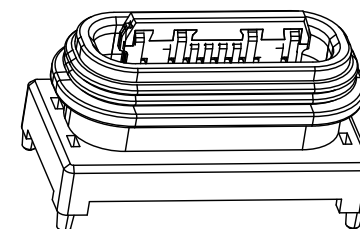
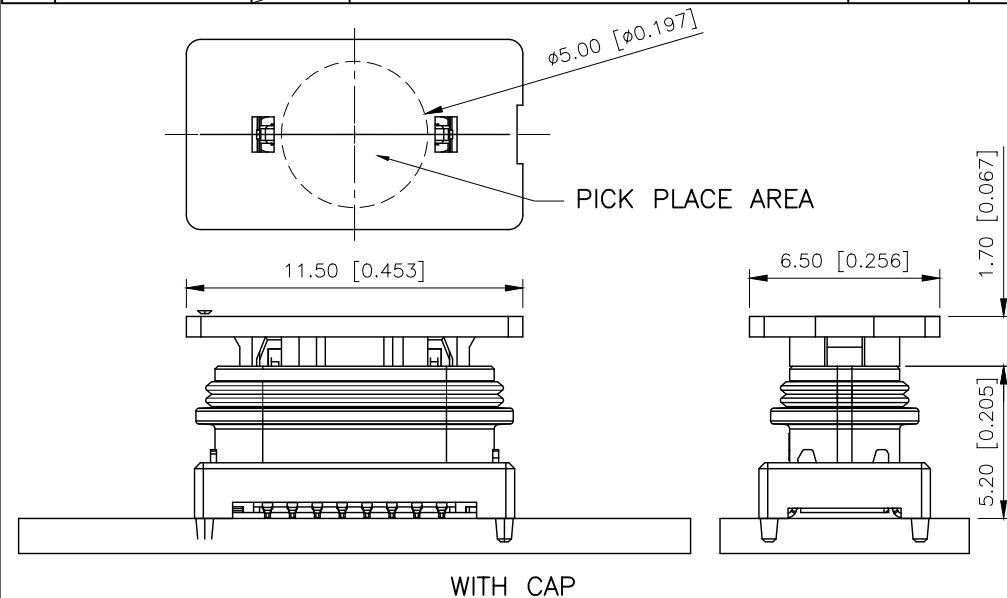
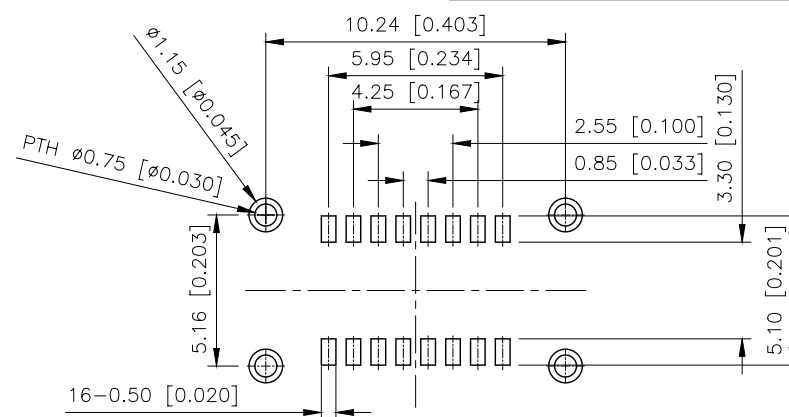
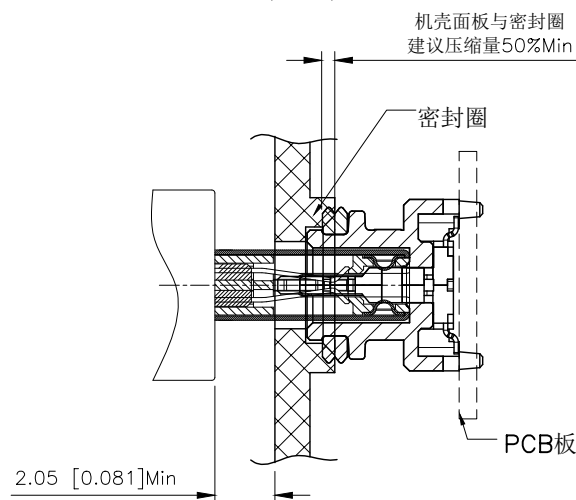
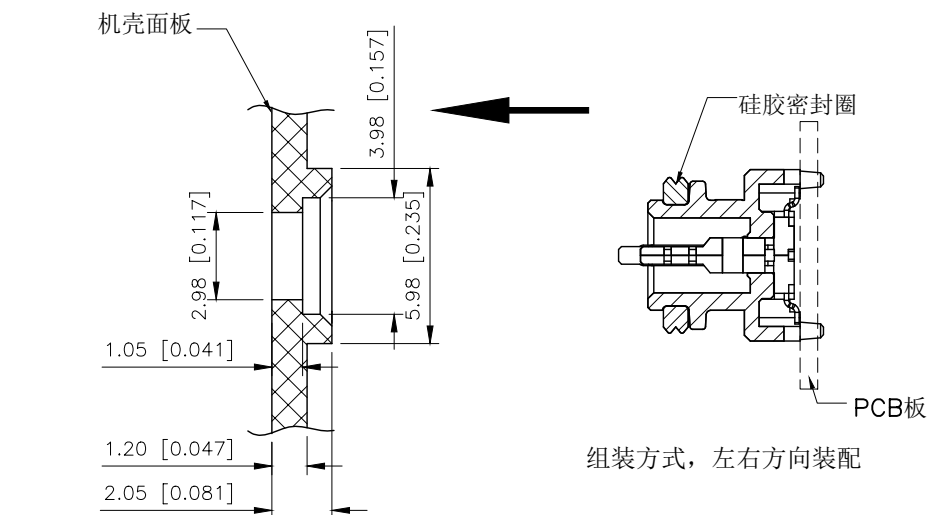
DESIGN	阿树	VIEW:		MODEL TYPE:	USB TYPE C -16PIN PLUG
CHECKED		UNIT:	mm/in	PART NO.:	U263-161N-4BF852-1
APPROVED		SIZE:	A4	DWG NO.:	X-U263-161N-4BF852-1

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/2	A1



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组装面板后公母头对插示意图

RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA 

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED	TOLERAUCES



DESIGN	阿树
CHECKED	
APPROVED	

VIEW:	
UNIT:	mm/in
SIZE:	A4

MODEL TYPE:	USB TYPE C –16PIN PLUG
PART NO.:	U263-161N-4BF852-1
DWG NO.:	X-U263-161N-4BF852-1

SCALE	PAGE	REVISION
N/A	2/2	A1