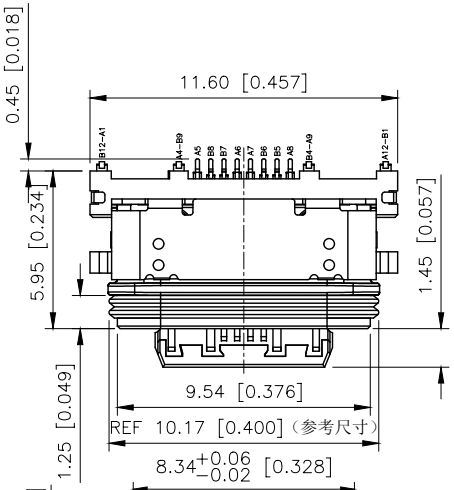
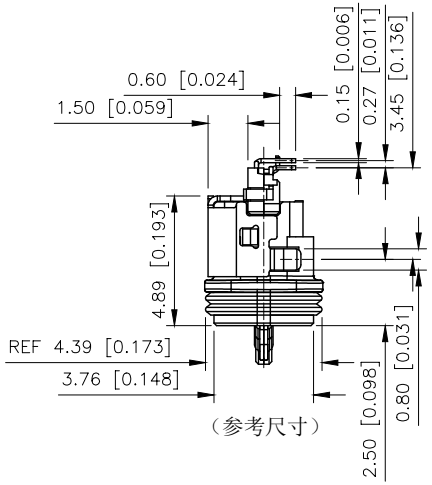
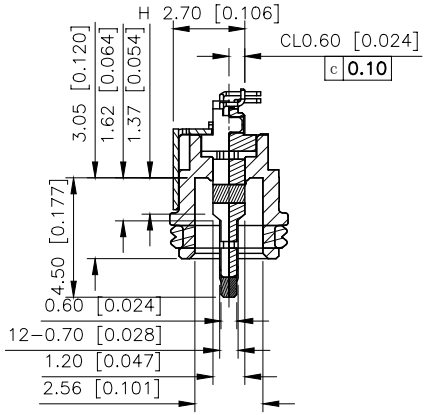
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2024.11.20	阿树

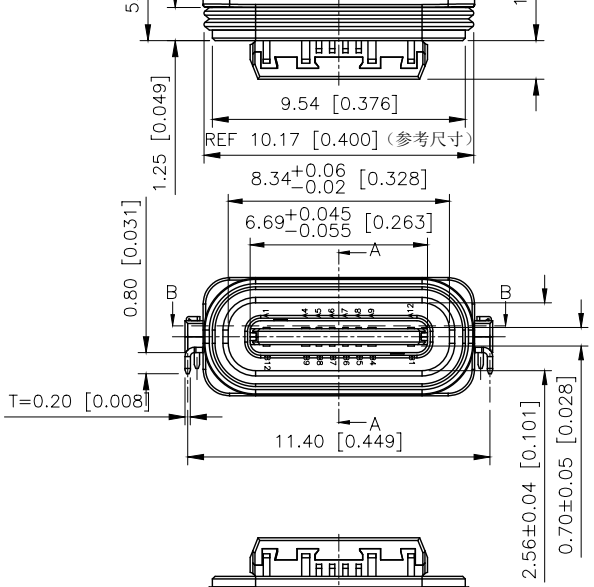


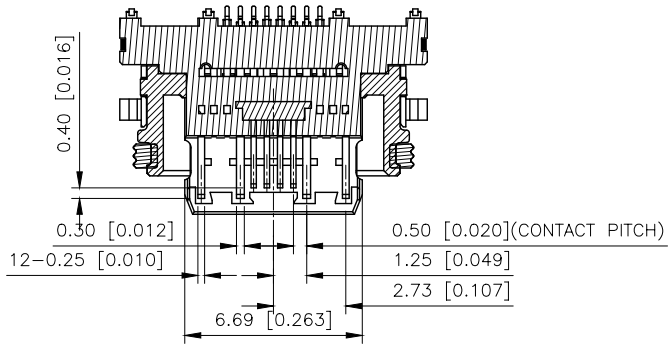




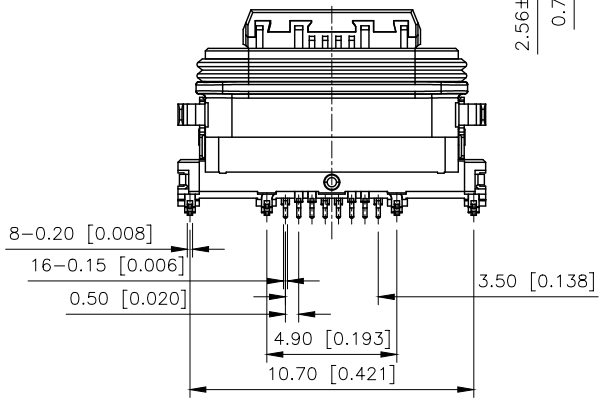
SECTION A-A

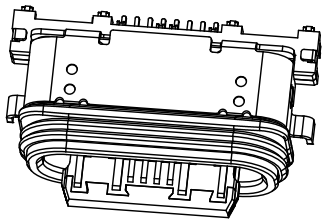
Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A4	V_{BUS}	First	B9	V_{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V_{BUS}	First	B4	V_{BUS}	First
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND





SECTION B-B





3D VIEW

U263-161N-4BF827-1

1:AU 1U''
2:AU 3U''
5:AU 15U''
6:AU 30U''

1:PBT
2:PA6T
3:PA9T
4:LCP

B:Black
W: White

8:IPX8

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=0.20mm).
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 COLLECTIVELY POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL 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 INSERTION FORCE: 5~20 N.
3.2 EXTRACTION FORCE: 8~20N AFTER TEST
3.3 DURABILITY: 10,000 CYCLES
3.4 THE EXTRACTION FORCE SHALL BE WITHIN THE RANGE OF 6N~20N AFTER 10000.
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
4.3 INNER SHELL: 50u" Min. NICKEL ALL OVER

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

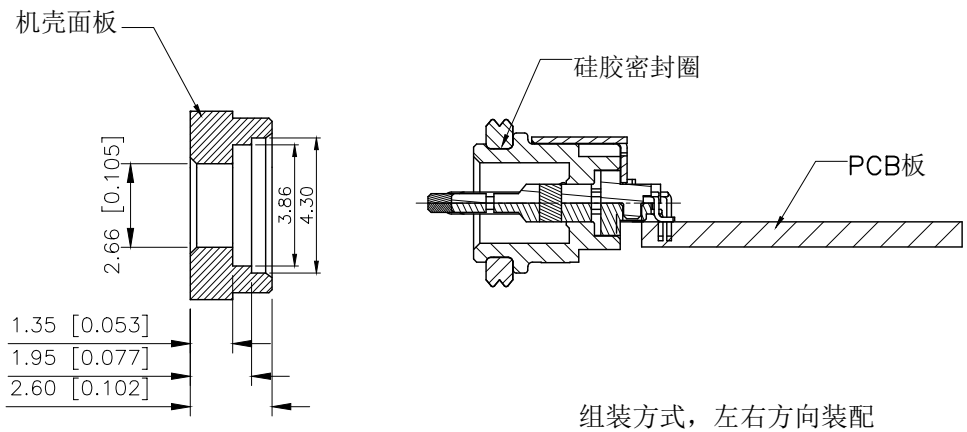
XKB Connection 星创

DESIGN	阿树	VIEW:	MODEL TYPE: USB TYPE C -16PIN PLUG
CHECKED		UNIT: mm/in	PART NO.: U263-161N-4BF827-1
APPROVED		SIZE: A4	DWG NO.: X-U263-161N-4BF827-1

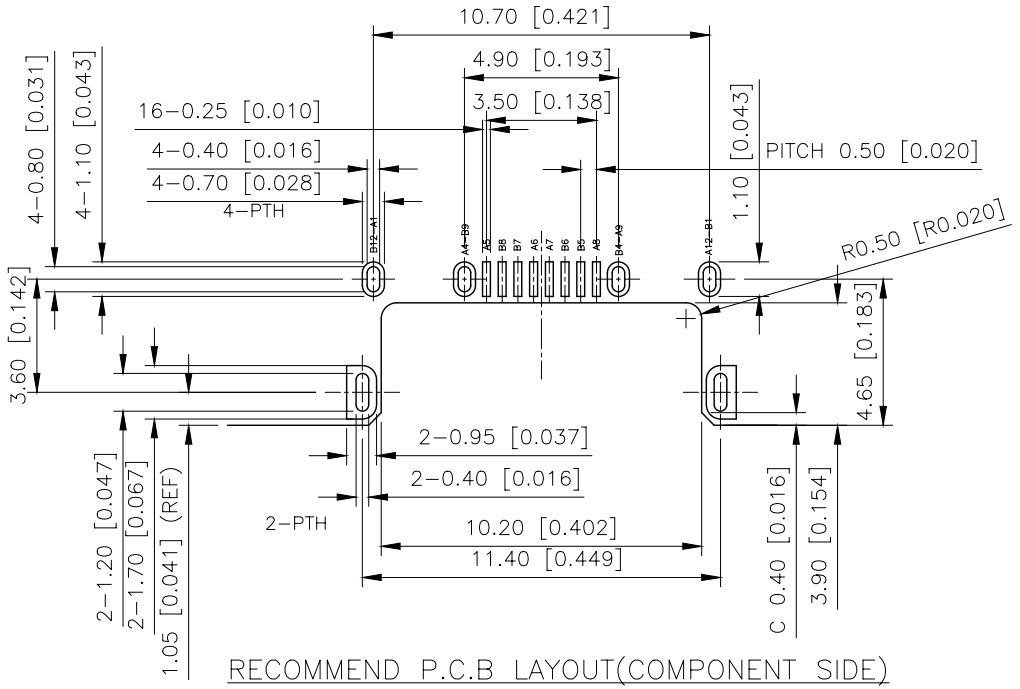
XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/2	A1

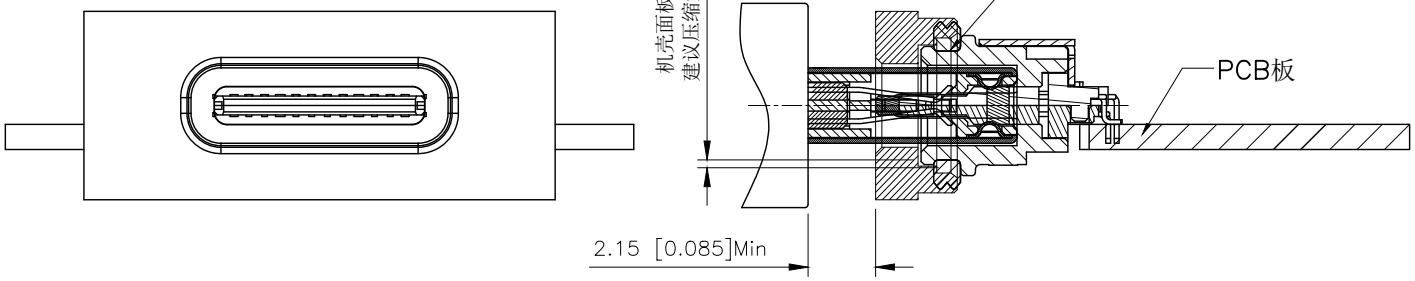
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		产品料号变更, 图面升级整理图面	2024.11.20	阿树



组装方式，左右方向装配



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



组装面板后公母头对插示意图

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

XKB 星创 Connection

DESIGN	阿树	VIEW:	MODEL TYPE: USB TYPE C -16PIN PLUG
CHECKED		UNIT: mm/in	PART NO.: U263-161N-4BF827-1
APPROVED		SIZE: A4	DWG NO.: X-U263-161N-4BF827-1

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	2/2	A1