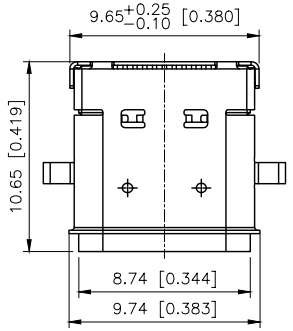
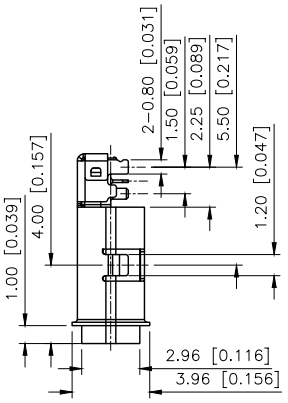
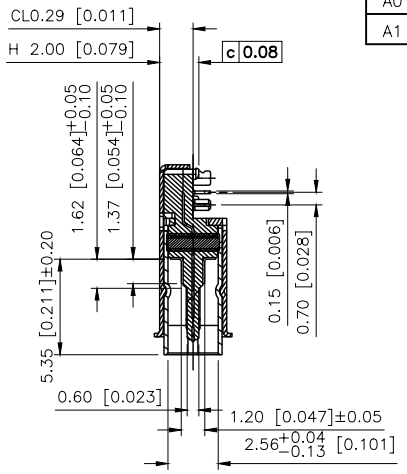
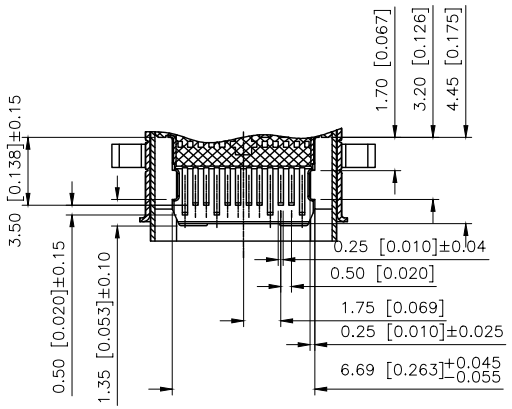
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.10.13	阿树



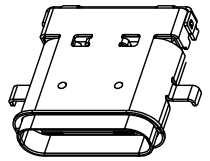


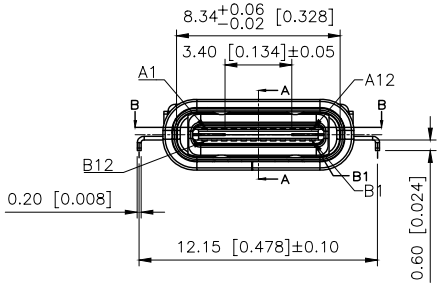


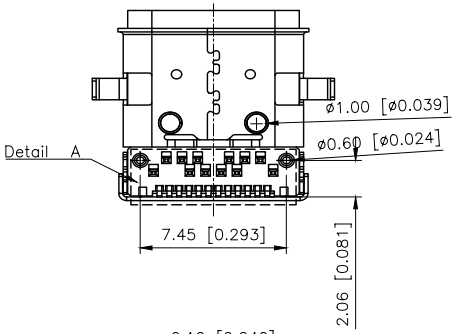
SECTION A−A

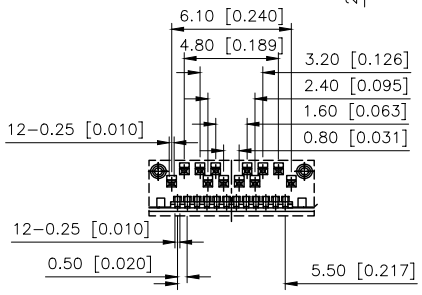


SECTION B−B

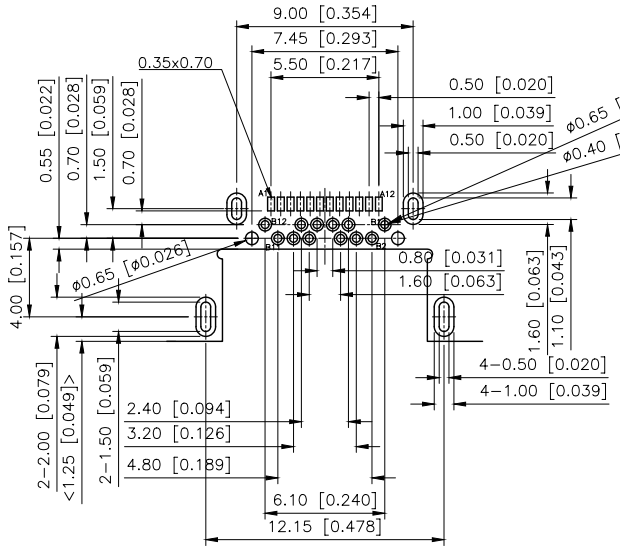








Detail A



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

USB31−TYPEC−32139− 2FS
- 2:Tape real
- 39: IP67
- 1: G/F

NOTE:
1.MATERIAL:
1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL94 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 Mox FOR INITIAL.10mg CHANGE AFTER TEST. MEASURE AT 20mV, 100mA
2.2 CONTACT CURRENT RATING: 5A FOR VBUS FPIN; 1.25A FOR VCONN PIN.
2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
2.4 INSULATION RESISTANCE 100MΩ Min 85°C
2.5 OPERATING TEMPERATURE:−40°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 AEI 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:DEGREASE

Pin	Signal Name	Mating Sequence	Pin	Signal 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	SSTXn2	Second	B3	SSTXn2	Second
A11	SSTXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

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

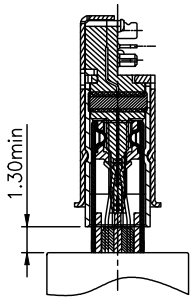
XKB 星创 Connection

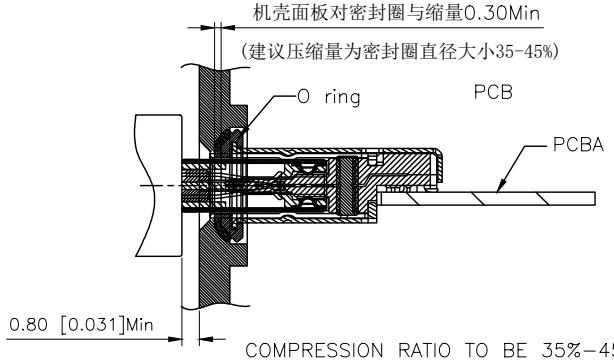
DESIGN	阿树	VIEW:	MODEL TYPE: USB TYPE−C 3.1
CHECKED		UNIT: mm/in	PART NO.: USB31−TYPEC−32139−2FS
APPROVED		SIZE: A4	DWG NO.: X−USB31−TYPEC−32139−2FS

XKB INDUSTRIAL PRECISION CO.,LIMITED

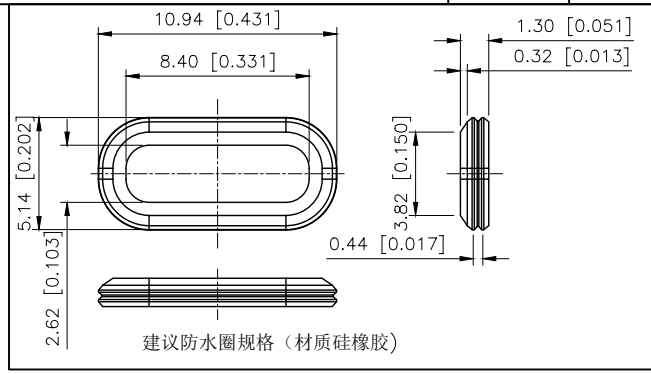
SCALE	PAGE	REVISION
N/A	1/2	A1

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.10.13	阿树

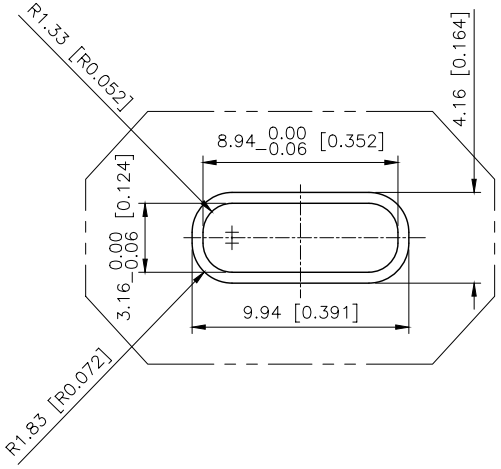


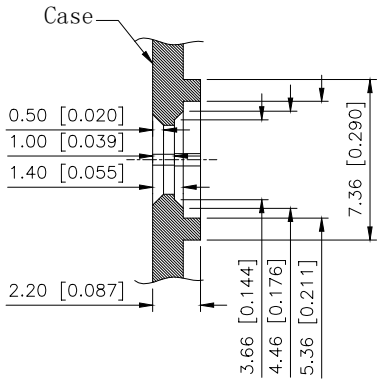


COMPRESSION RATIO TO BE 35%-45%

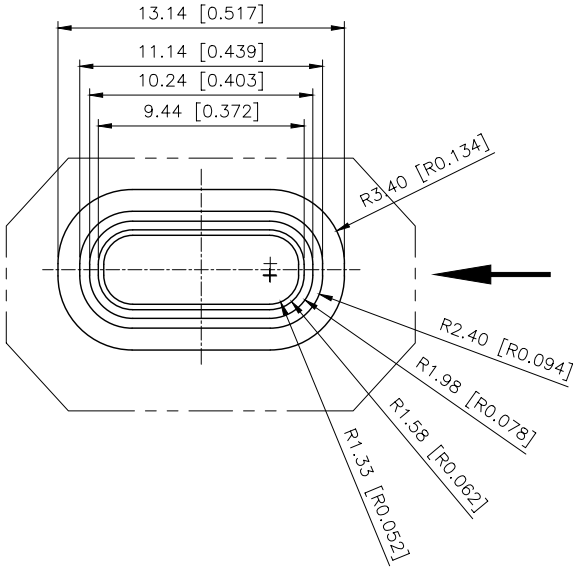


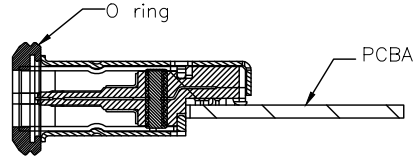
建议防水圈规格（材质硅橡胶）





RECOMMENDED OPEN DIMENISION OF CASE
TOLERANCE:±0.03mm
MATTING AREA WITH SEALING RING





Assembly direction

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 3.1
CHECKED		UNIT: mm/in	PART NO.: USB31-TYPEC-32139-2FS
APPROVED		SIZE: A4	DWG NO.: X-USB31-TYPEC-32139-2FS

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	2/2	A1