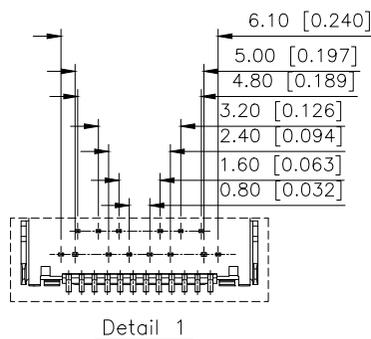
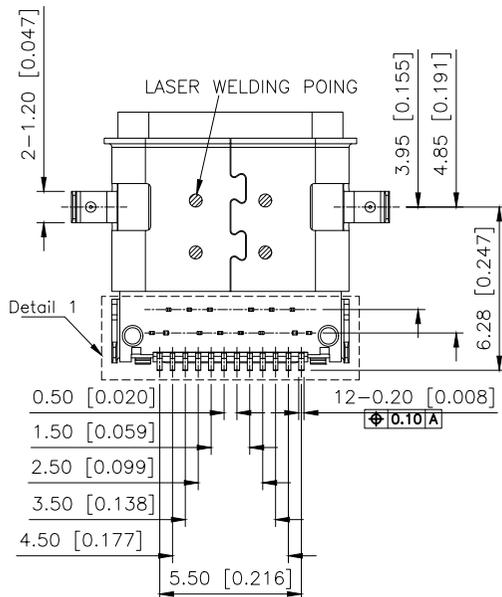
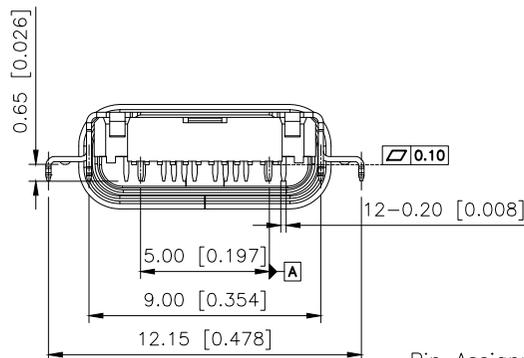
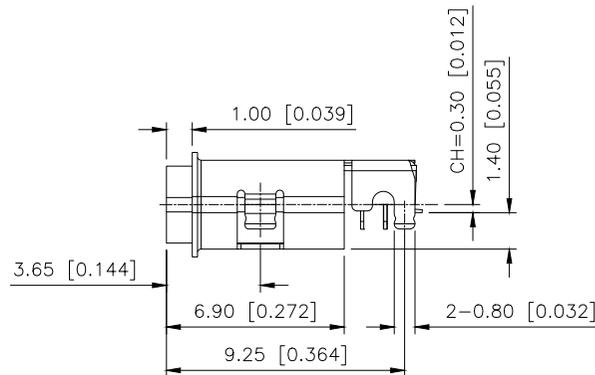
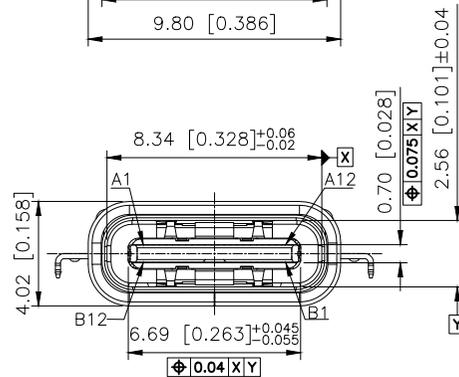
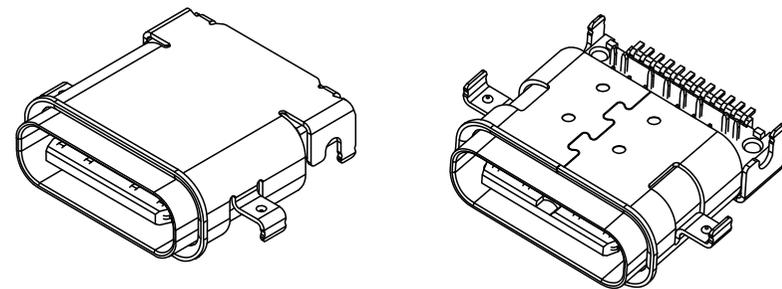
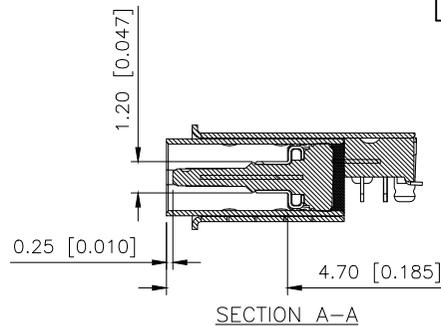
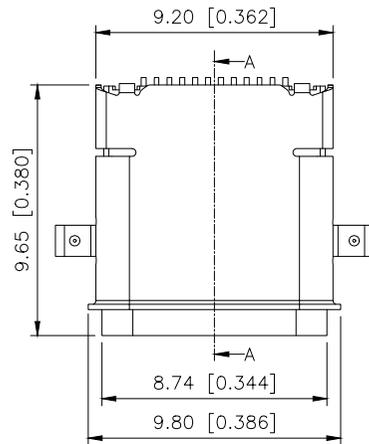


| REVISIONS | | | | | |
|-----------|---------|----------|-----------------|------------|--------|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | | |
| A1 | / | | 更新料号编码, 更新图框 | 2024.11.19 | 桑 菴 |



Pin Assignments

| | | | |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A2 | SSTXP1 | B11 | SSRXP1 |
| A3 | SSTXN1 | B10 | SSRXN1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | DP1 | B7 | DN2 |
| A7 | DN1 | B6 | DP2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | SSRXN2 | B3 | SSTXN2 |
| A11 | SSRXP2 | B2 | SSTXP2 |
| A12 | GND | B1 | GND |
| PIN | SIGNAL NAMF | PIN | SIGNAL NAMF |

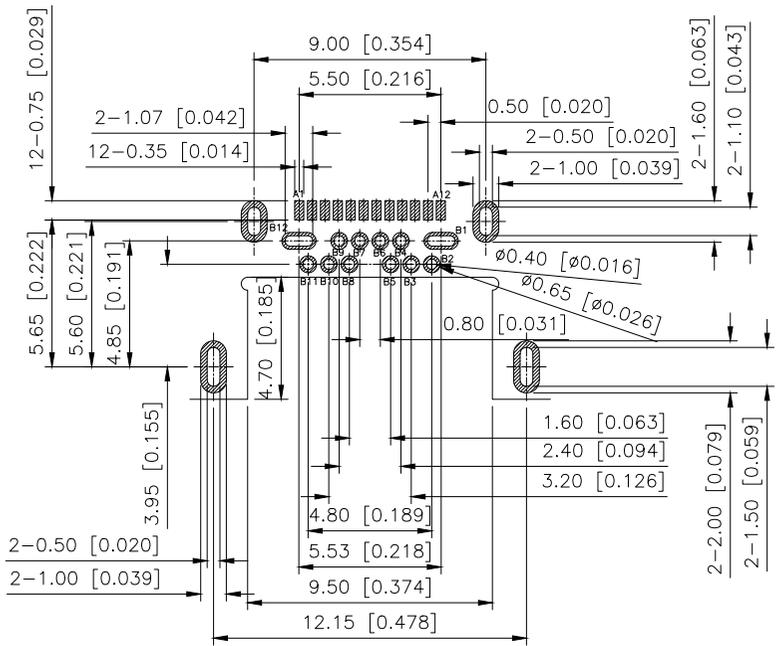


| | |
|------------------------|-------|
| AuGLAR | ±5° |
| X. | ±0.40 |
| X.x | ±0.30 |
| X.xx | ±0.20 |
| X.xxx | ±0.15 |
| UNSPECIFIED TOLERANCES | |

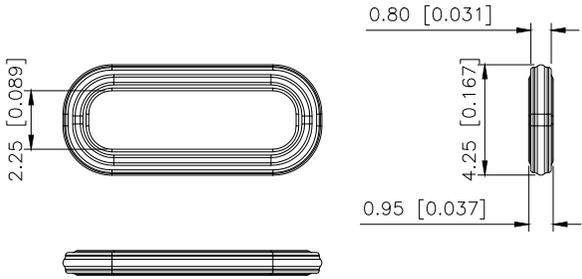


| | | | | | |
|----------|-----|-------|-------|-------------|--------------------|
| DESIGN | 桑 菴 | VIEW: | | MODEL TYPE: | USB TYPE-C 3.1 |
| CHECKED | | UNIT: | mm/in | PART NO.: | USB31-TYPE-C-FSABC |
| APPROVED | | SIZE: | A4 | DWG NO.: | |

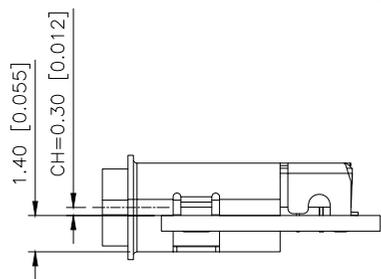
| REVISIONS | | | | | |
|-----------|---------|----------|-----------------|------------|--------|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | | |
| A1 | / | | 更新料号编码, 更新图框 | 2024.11.19 | 桑 菘 |



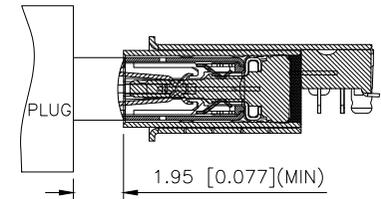
RECOMMENDED P.C.B LAYOUT(Both sides are sample)
Tolerance:±0.05,Thickness=0.60mm



建议防水圈规格 (材质硅橡胶)
Recommended waterproof ring specifications



SCHEMATIC DIAGRAM OF THE ASSEMBLY



SCHEMATIC DIAGRAM OF THE INTERPOLATION



- NOTE:
- MATERIAL:
 - HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC UL 94 V-0;
 - CONTACT: HIGH GRADE COPPER ALLOY
 - METALLIC SHELL: STAINLESS STEEL
 - COVER SHELL: IRON
 - INNER GROUND COVER SHELL: STAINLESS STEEL
 - MID PLATE: STAINLESS STEEL
 - PLATING:
 - DATA CONTACT:
 - UNDERPLATING: 50u" MIN. NICKEL
 - CONTACT PLATING: 1u" GOLD
 - SOLDER AREA: 80u" MATTE TIN
 - METALLIC SHELL: 50u" MIN. NICKEL
 - COVER SHELL:80u" MIN. NICKEL
 - INNER GROUND COVER SHELL: 50u" MIN. NICKEL
 - ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 40MΩ MAX FOR INITIAL. 10MΩ CHANGE AFTER TEST. MEASURE AT 20MV, 100MA.
 - CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN. OTHER PINS 0.25A
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MΩ MIN
 - OPERATING TEMPERATURE: -40°C ~ 85°C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20 N.
 - UNMATED FORCE: 6~20N AFTER TEST
 - DURABILITY: 10,000 CYCLES

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



| | | | |
|----------|-----|-------------|---------------------------------|
| DESIGN | 桑 菘 | VIEW: | MODEL TYPE: USB TYPE-C 3.1 |
| CHECKED | | UNIT: mm/in | PART NO.: USB31-TYPE-C-FSABC |
| APPROVED | | SIZE: A4 | DWG NO.: |

XKB INDUSTRIAL PRECISION CO.,LIMITED

| | | |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A | 2/2 | A1 |