


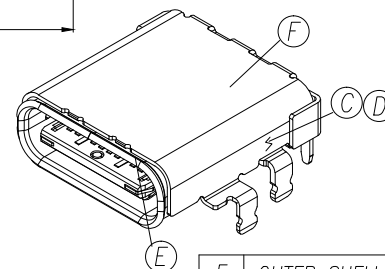
| | | | |
|------|-----------------------|---------|------------|
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
| A | PDR RELEASE | EVEN | 2017.11.29 |
| B | ECN NO: L202108-C02 | EVEN | 2022.03.03 |

SPECIFICATIONS:


- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 5.0A FOR VBUS AND GND(Pins A4,A9,B4,B9) , 1.25A FOR Vconn AND GND(Pins B5,A1,A12,B1,B12) 0.25A FOR ALL THE OTHERS CONTACTS.
 - CONTACT RESISTANCE: 40mΩ MAX.
 - INSULATION RESISTANCE: 100 MEGAOHMS MIN. AT 250VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC MIN.
- INSERTION: 5~20N.
- EXTRACTION: 8N~20N FROM 1 TO 1000 CYCLES. 6~20N FROM 1001 TO 10000 CYCLE.
- DURABILITY: 10000 CYCLES
- OPERATING TEMPERATURE : -55°C TO +85°C
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
- PACKAGE: SEE "2UB1731-C00111F" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- OTHER GENERAL SPEC. TO REFER "2UB1731-C00111F SPEC".

PART NO.
2UB1731-C00111F

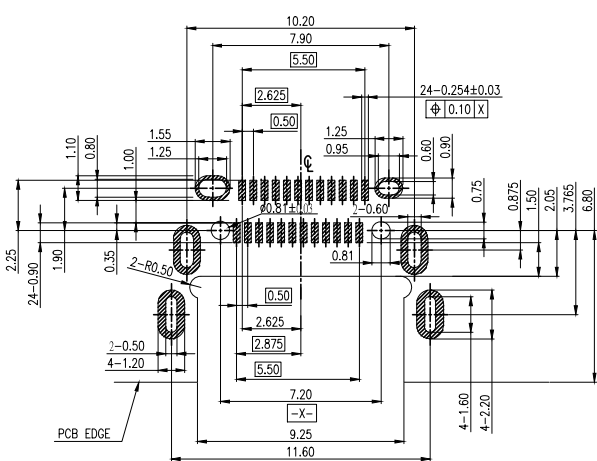
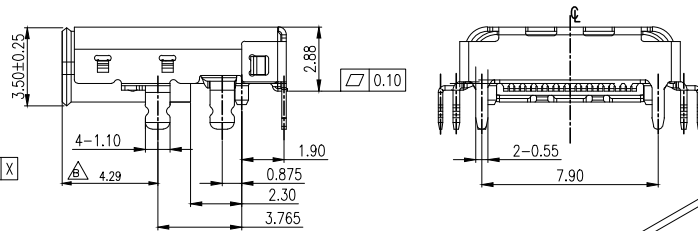
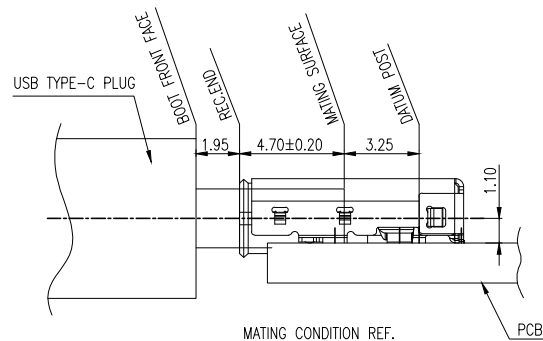
- SUFFIX: HALOGEN FREE
- PACKAGE
- 1: TAPE & REEL
- HOUSING COLOR
- 1: BLACK
- CONTACT PLATING
- 1: 30u" GOLD PLATING ON CONTACT AREA, MATTE TIN(Sn) PLATING ON SOLDER AREA, Ni UNDERPLATING OVERALL



| | | | | |
|----|-------------|-----|-----------------|------------------|
| F | OUTER SHELL | 1 | STAINLESS STEEL | 50u" NI ALL OVER |
| E | INNER SHELL | 1 | STAINLESS STEEL | |
| D | MID PLATE | 1 | STAINLESS STEEL | |
| C | GND PLATE | 1 | STAINLESS STEEL | |
| B | CONTACT | 24 | COPPER ALLOY | SEE PART NO. |
| A | HOUSING | 1 | LCP UL94-V0 | BLACK |
| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |

| | | | |
|---------------------------------------|---|--|-----------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | |  信音科技(香港)有限公司 | |
| TITLE | USB TYPE C REC 24PIN CL=1.1MM DUAL SMT_CONN | | |
| DWN | EVEN 2022.03.03 | PART NO. | 2UB1731-C00111F |
| CHKD | SCALE3.3:1 | UNIT: | mm |
| APVD | ANGELA2022.03.03 | SIZE: | A3 |
| | | SHEET: | 1 OF 1 |
| | | REV: | B |
| CUSTOMER COPY | | | |

| Pin | SIGNAL NAME | Pin | SIGNAL NAME |
|-----|-------------|-----|-------------|
| 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 |



RECOMMEN P.C.B LAYOUT
THICKNESS T=1.80mm, DEFAULT
TOLERANCE: ±0.05
SOLDER PADS THICK 0.10mm MIN.

