



| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|------|-----------------------|---------|------------|
| A | PDR RELEASE | EVEN | 2021.09.30 |
| B | ECN NO: L202111-C06 | EVEN | 2021.12.23 |
| C | ECN NO: L202112-C12 | EVEN | 2022.02.11 |
| D | ECN NO: L202203-C07 | EVEN | 2022.04.26 |

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 5.0A
 - VOLTAGE RATING: 20.0 V
 - LLCR: VBUS& GND PINS: 40mΩ/PIN MAX
OTHER PINS : 40mΩ/PIN MAX
LLCR MAX. CHANGE OF ALL PINS: 10mΩ
 - INSULATION RESISTANCE: 100MΩ MIN
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 0.5~2.0kg.
 - WITHDRAWAL FORCE: 1.4~2.0kg.(INITIAL) 0.8~2.0kg.(AFTER LIFE TEST)
 - DURABILITY: 10,000 CYCLES.
 - TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - PACKAGE: SEE "2UB1816-C00111F" PACKAGE.
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 - OTHER GENERAL SPEC. TO REFER "2UB1816-C00111F SPEC".

PART NO.
2UB1816-C00111F

- SUFFIX: HALOGEN FREE
- PACKAGE: 1: TAPE & REEL
- HOUSING COLOR: 1: BLACK
- CONTACT PLATING: 1: 30u" Au ON MATING AREA, GOLD FLASH ON SOLDERING AREA, 50u" MIN. NICKEL UNDER PLATING OVERALL

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|----|---------------|-----|-----------------------|-----------------|
| E | TERMINAL | 24 | C19400 T=0.12mm | SEE PART NO. |
| D | SIGNAL | 1 | SUS301R-H T=0.15mm | 50u"MIN.NICKEL |
| C | HOUSING | 1 | PA9T+45%G.F UL 94V-0 | BLACK |
| B | INNER SHELL | 1 | SUS304R-1/2H T=0.30mm | 50u"MIN.NICKEL |
| A | OUTSIDE SHELL | 1 | SUS301R-1/2H T=0.25mm | 50u"MIN.NICKEL |

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| UNLESS OTHERWISE SPECIFIED TOLERANCES | | 信音科技(香港)有限公司 | |
| DECIMALS: | ANGLES: | TITLE USB TYPE C , DUAL SMT(CH=1.95mm) C2 | |
| X :±0.5 | X :±2° | DWN | EVEN 2022.04.26 PART NO. 2UB1816-C00111F |
| X.X :±0.3 | X.X :±1° | CHKD | SCALE 1:1 UNIT: mm |
| X.XX :±0.2 | | APVD | ANGELA2022.04.26 SIZE: A3 SHEET: 1 OF 1 REV: D |
| CUSTOMER COPY | | | |