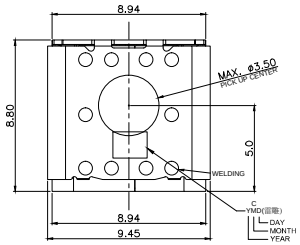
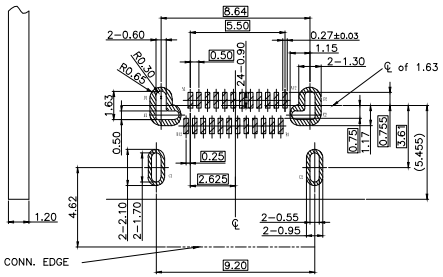
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2022.11.14

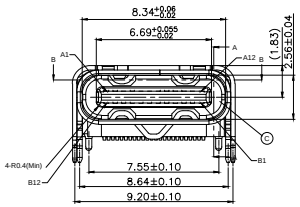


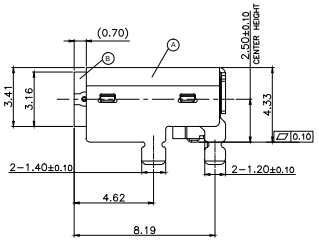


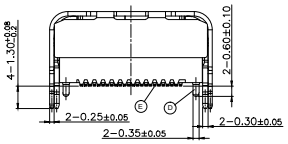
RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE=±0.05mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. CONTACT CURRENT RATING: 5A FOR VBUS PINS(A4,A9,B4,B9),
   1.25A FOR FOR GND PINS(A1,A12,B1,B12),
   0.25 A FOR OTHER PINS
   1-2. VOLTAGE RATING: 20.0 V
   1-3. LOW LEVEL CONTACT RESISTANCE:
   40mohms MAX. FOR VBUS, GND AND OTHER CONTACTS.
   50mohms MAX. AFTER ENVIRONMENT TEST.
   1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE: 0.5~2.0kg.
   2-2. WITHDRAWAL FORCE: 1.4~2.0kg.(INTITIAL) 0.8~2.0kg.(AFTER LIFE TEST)
3. DURABILITY: 10,000 CYCLES.
4. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
6. PACKAGE: SEE "2UB1835-C00111F" PACKAGE.
7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
8. OTHER GENERAL SPEC. TO REFER "2UB1835-C00111F SPEC".

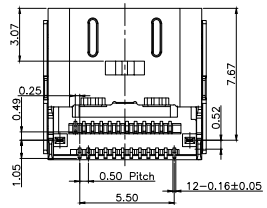


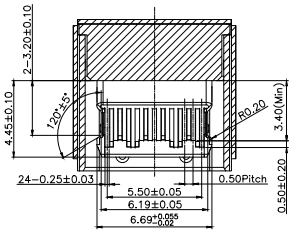




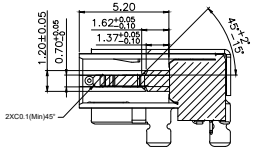
PART NO.
2UB1835-C00111F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE & REEL
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: 30u" Au ON MATING AREA,
  GOLD FLASH(1u" Min) ON SOLDER AREA
  80u" MIN. NICKEL UNDER PLATING OVERALL

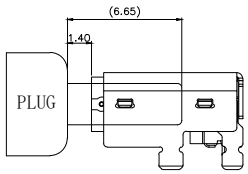




SECTION B-B



SECTION A-A



MATING CONDITION

PIN ASSIGNMENT(Front)											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	TERMINAL	24	C7025 T=0.12	SEE PART NO.
D	MID-PLATE	1	SUS301 T=0.15	GOLD FLASH(1u" Min) ON SOLDER AREA 20u"(Min) NICKEL UNDERPLATING OVERALL
C	HOUSING	1	LCP UL 94V-0	BLACK
B	INNER SHELL	1	SUS304 T=0.30	GOLD FLASH(1u" Min) ON SOLDER AREA 20u"(Min) NICKEL UNDERPLATING OVERALL
A	OUTSIDE SHELL	1	SUS304 T=0.25	GOLD FLASH(1u" Min) ON SOLDER AREA 20u"(Min) NICKEL UNDERPLATING OVERALL

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:
X :±0.5
X.X :±0.3
X.XX :±0.2

ANGLES:
X :±2°
X.X :±1°

信音科技(香港)有限公司

TITLE	USB TYPE C R/A Dual SMT TYPE CH=2.50mm		
DWN	EVEN 2022.11.22	PART NO. 2UB1835-C00111F	
CHKD		SCALE 1:1	UNIT: mm
APVD	TERESA2022.11.22	SIZE: A3	SHEET:1 OF 1 REV:A

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文件编號 :7F-02-R013-A