

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2020.10.21

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CURRENT RATING: 5.0A
- 1-2. VOLTAGE RATING: 20.0 V
- 1-3. LLCR: VBUS& GND PINS: 40mΩ/PIN MAX

OTHER PINS : 40mΩ/PIN MAX

LLCR MAX. CHANGE OF ALL PINS: 10mΩ

- 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.(INITIAL) 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 "2UB1793-C00111F" PACKAGE.
7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
8. OTHER GENERAL SPEC. TO REFER "2UB1793-C00111F SPEC".

PART NO.
2UB1793-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

3D VIEW

TERMINAL	QTY	DESCRIPTION	MATERIAL	PLATING & COLOR
24	C19400	SEE PART NO.		
1	SUS301	50u"MIN.NICKEL		
1	PA9T UL 94V-0	BLACK		
1	SUS301	50u"MIN.NICKEL		
1	SUS301	50u"MIN.NICKEL		
DESCRIPTION	QTY	MATERIAL	PLATING & COLOR	

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2



Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE

USB TYPE C , DUAL SMT(CH=1.58mm) C2

DWN

EVEN 2020.10.21 PART NO. 2UB1793-C00111F

CHKD

SCALE 1:1 UNIT: mm 

APVD

ANCELA2020.10.21 SIZE: A3 SHEET:1 OF 1 REV: A

CUSTOMER COPY

USB TYPE-C PIN ASSIGNMENTS:

A12	GND	B1	GND
A11	SSRXp2	B2	SSTXp2
A10	SSRXn2	B3	SSTXn2
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	SSTXn1	B10	SSRXn1
A2	SSTXp1	B11	SSRXp1
A1	GND	B12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

DETIAL A

RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE=±0.05mm THICKNESS=0.8mm)

CONN. EDGE

SECTION B-B

SECTION A-A

PLUG INSERTION DEPTH

USB TYPE C PLUG