



USB TYPE-C PIN ASSIGNMENTS	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	B1	GND	B2	SSTX2	B3	SSTX2	B4	VBUS	B5	CC2	B6	Dn1
GND	B7	Dn2	B8	SRXp1	B9	SRXp1	B10	SRXp1	B11	SRXp1	B12	GND

1 2 3 4 5 6 7 8

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR	RELEASE	Even	2017.06.02
B	ECN NO.	L170068	Even	2017.07.13
C	ECN NO.	L201909-C04	IYY-C	2019.12.02

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:**
 - CURRENT RATING: 3.0A
 - VOLTAGE RATING: 5.0 V
 - LCR: VBUS& GND PINS: 40mΩ/PIN MAX
- MECHANICAL CHARACTERISTICS:**
 - INSULATION RESISTANCE: 100MΩ MIN
 - LCR MAX. CHANGE OF ALL PINS: 10mΩ
- DURABILITY:** 10,000 CYCLES.
- WITHDRAWAL FORCE:** 1.4~2.0kg (INITIAL 350/CYCLES) 0.6~2.0kg (AFTER LIFE TEST)
- INSERTION FORCE:** 0.5~2.0kg.
- HAZARDOUS SUBSTANCE FREE SPEC.**
- PACKAGE:** SEE "2UB1692-C10111F" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.**
- OTHER GENERAL SPEC. TO REFER "2UB1692-C10111F SPEC".**

PART NO.
2UB1692-C10111F

SUFFIX: HALOGEN FREE

PACKAGE
1: TAPE & REEL

HOUSING COLOR
1: BLACK

CONTACT PLATING
1: 30μ" Au ON MATING AREA,
MATE Ss 60~150μ" ON SOLDERING AREA,
50μ" MIN NICKEL UNDER PLATING OVERALL

TERMINAL	QTY	DESCRIPTION	MATERIAL	PLATING & COLOR
A	24	OUTSIDE SHELL	SUS301	NICKEL PLATED 60μ" MIN.
F	2	RFI PAD	SUS316	NICKEL PLATED 50μ" MIN.
D	1	SIGNAL	SUS301	NICKEL PLATED 50μ" MIN.
B	1	INNER SHELL	LCP UL 94V-0	BLACK
C	1	INNER SHELL	SUS301	NICKEL PLATED 60μ" MIN.
E	1	OUTSIDE SHELL	SUS301	NICKEL UNDERPLATED 60μ" MIN.

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

±0.5 X ±2°

±0.3 X X ±1°

±0.2 X.XX ±0.2

Singatron Enterprise Co., Ltd.
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TITLE: USB TYPE C, Mid-mount(CH=0.88mm)

DWN: MK-C 2019.12.02 PART NO. 2UB1692-C10111F

CHKD: ANG-C 2019.12.02 SCALE 1:1 UNIT: mm

APVD: ANG-C 2019.12.02 SIZE: A3 SHEET: 1 OF 1 REV: C

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