


SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. CURRENT RATING: 1.8A (PIN1,4), THE OTHER CONTACTS 0.25A MIN.
 - 1-2. CONTACT RESISTANCE: 30mΩ(PIN1,4), OTHER CONTACTS 50mΩ
 - 1-3. INSULATION RESISTANCE: 100MΩ MIN. @ 100V DC.
 - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE: 35N MAX.
 - 2-2. WITHDRAWAL FORCE: 10N MIN. FOR INITIAL, AND 8N MIN. AFTER TEST.
3. LIFE TEST: 5,000 CYCLES MIN.
4. OPERATING TEMPERATURE: -55°C TO +85°C.
5. OTHER GENERAL SPEC. TO REFER "2UB1594 SERIES SPEC".
6. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
8. PACKAGE: SEE "2UB1594 SERIES" PACKAGE.
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

PART NO.
2UB1594-000111F

SUFFIX: HALOGEN FREE
 PACKAGE: TAPPE AND REEL
 HOUSING COLOR: BLACK
 CONTACT PLATING: 1: GOLD 1u" Min. ON CONTACT AREA, MAIITE TIN 120u" Min. ON SOLDER AREA, 50u" NICKEL UNDERPLATED OVERALL.

Recommended P.C.B Layout
 TOLERANCE±0.05

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2012.05.08
B	ECN NO:L120085	IVY-C	2012.08.23
C	ECN NO:L130043	IVY-C	2013.06.27

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	INK	1	STAINLESS STEEL	BLACK
C	SHELL	1	STAINLESS STEEL	NICKEL PLATED
B	CONTACT	9	COPPER ALLOY	SEE PART NO.
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1'
X.XX : ±0.2	

TITLE	USB 3.0 A TYPE FEMALE, R/A, SINKING, DIP TYPE, CH=2.00
DWN	W-C-20130627 PART NO. 2UB1594-000111F
CHKD	SCALE:3.3:1 UNIT: mm
APVD	AMEL201310627 SIZE: A3 SHEET: 1 OF 1 REV: C

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Singatron Enterprise Co., Ltd.
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