



REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO:T190701-1A/1B		Mystic	2020.03.21
B	ECN NO:S202012-R03		HAOLIAN	2021.04.13
C	ECN NO:S202312-R16		HAOLIAN	2024.02.21

- SPECIFICATIONS:**
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A.
 - CONTACT RESISTANCE: VBUS&GND 30mΩ Max ;Other 50mΩ
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
 - INSULATION RESISTANCE: 100MΩ Min.
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 2.5 Kgf Max.
 - WITHDRAWAL FORCE : 1.0 Kgf Min(INITIAL),0.8 Kgf Min(AFTER TEST).
 - DURABILITY: 5,000 CYCLES.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN PRODUCT IDENTIFICATION MARK ON JACK: ©
 - HALOGEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: ©
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 - DATE : Y/M/MDD-
 - PACKAGING : TAPE & REEL.

Table A
2UB3M03-005X01F

Pin	Signal NAME
1	VBUS
2	D-
3	D+
4	GND
5	Stda_SSRX-
6	Stda_SSRX+
7	GND_DRAIN
8	Stda_SSTX-
9	Stda_SSTX+

1: 30µm Au on contact area.
2: 50µm on contact area.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	SHELL COVER	1	SUS430	CLEANED
D	5-TERMINAL	5	C5210	See table A
C	4-TERMINAL	4	C5210	20µm Matte Sn PLATING ON SOLDERING AREA ALL OVER 80µm NICKEL PLATING
B	SHELL	1	SUS430	NICKEL 60µm Min.
A	HOUSING	1	PA9T	UL94-V0 BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

Recommended P.C.B Layout (THICKNESS=1.2mm)
TOP VIEW TOLERANCE=±0.03

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信登企業股份有限公司

TITLE	USB 3.0 REVERSE CONNECTOR
DWN	HAOLIAN PART NO.2UB3M03-005X01F
CHKD	ALLEN SCALE 3:1 UNIT: mm
APVD	Boye SIZE: A3 SHEET: 1 OF 1 REV:C

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