



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. CURRENT RATING: 1.8A (PIN1,4)
 - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE : 3.5 Kgf MAX
 - 2-2. WITHDRAWAL FORCE : 1.0 Kgf MIN
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE IDENTIFICATION MARK ON JACK:
6. HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING:
7. IR Reflow.
8. DATE : YMMDD
9. PACKAGING : TAPE & REEL.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
P1		HAOILAN	2023.06.26
P2		HAOILAN	2023.06.27

		Pin Number	Signal ASSIGNMENT
D	TERMINAL	PIN 1	VBUS
B	SHELL	PIN 2	D-
A	HOUSING	PIN 3	D+
F	SHELL COVER	PIN 4	GND

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	TERMINAL	4	C5210-EH 0.25T	50μAU PLATED ON MATING AREA, GOLD FLASH PLATED ON SOLDERING SURFACES UNDER PLATING OVERALL
C	SHELL	1	SUS304 1/2H 0.3T	NICKEL 60U"MIN
B	BASE	1	PA-9T+45%GF	BLUE(300C)
A	HOUSING	1	PA-9T+45%GF	BLUE(300C)

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信營企業股份有限公司

TITLE	USB 2.0 CONNECTOR
DWN	HAOILAN PART NO.2UB4001-800401F
CHKD	ALLEN SCALE 1:1 UNIT: mm
APVD	bove SIZE: A3 SHEET: 1 OF 1 REV: P2

Recommended P.C.B. Layout
(Component Side) TOLERANCE=±0.03 TOP VIEW

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