



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
 - 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 : YYMMDD
9. PACKAGING : TAPE & REEL.

REV	EGN NO	OR DESCRIPTION	REVISED	DATE
B	EGN NO:S160350-C		peng	2016.06.01
C	EGN NO:S202005-C04		HAOLIAN	2020.05.20
D	EGN NO:S202303-C08		HAOLIAN	2023.04.06

Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	SDA_SSRX-
PIN 6	SDA_SSRX+
PIN 7	GND_DRAIN
PIN 8	SDA_SSTX-
PIN 9	SDA_SSTX+

F	SHELL COVER	1	SUS304-1/2HO.2T	30μAU PLATED ON MATING AREA. GOLD FLASH PLATED ON SOLDERING 50μNICKEL UNDER PLATING OVERALL
E	TERMINAL	5	C2680-H 0.25T	30μAU PLATED ON MATING AREA. GOLD FLASH PLATED ON SOLDERING 50μNICKEL UNDER PLATING OVERALL
D	TERMINAL	4	C5210-EH 0.25T	30μAU PLATED ON MATING AREA. GOLD FLASH PLATED ON SOLDERING 50μNICKEL 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)
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES



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

TITLE	USB 3.0 CONNECTOR
DWM	HAOLIAN PART NO.2UB4001-800301F
CHKD	ALLEN SCALE 1:1 UNIT: mm
APVD	bove SIZE: A3 SHEET: 1 OF 1 REV: D

CUSTOMER COPY

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

A B C D E F

1 2 3 4 5 6 7 8

文#線# 80-06-045-4