



SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
    - CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
    - CONTACT RESISTANCE: 30mΩ MAX.
    - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
    - INSULATION RESISTANCE: 100MΩ MIN.
  - MECHANICAL CHARACTERISTICS:
    - INSERTION FORCE : 3.5 Kgf MAX.
    - WITHDRAWAL FORCE : 3.5Kgf MAX.
- INITIAL : 1.0Kgf.  
TEST AFTER : 0.80Kgf.
- DURABILITY: 5,000 CYCLES.
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ◎
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: ◎
  - FOR IR REFLOW LEAD-FREE PROCESS.
  - DATE : YYMMDD-
  - PACKAGING : TAPE & REEL.

REMARK	USB3.0 CONTACT PIN			USB2.0 CONTACT PIN		
	Pin Number	Signal ASSIGNMENT		Pin 1	Pin 2	Pin 3
	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	CAP	1	PA-9T+30%GF C1300H	BLACK
E	SHELL	1	STAINLESS STEEL,T=0.30	NICKEL 60U"MIN
D	5 PIN TERMINAL	5	BARSS,T=0.25	
C	4 PIN TERMINAL	4	PHOSPHOR BRONZE,T=0.25	4u 30um PLATED ON CONTACT AREA. Mat: Sn 100um PLATED ON SOLDERING ALL OVER 60um NICKEL PLATING.
B	BASE	1	HIGH TEMP.THERMOPLASTIC UL94-V0	BLUE(300C)
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL94-V0	BLUE(300C)
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.  
信亨企業股份有限公司

TITLE: USB 3.0 CONNECTOR

DWN: JIANGTAO PART NO.:2UB3903-067101F  
CHKD: ALLEN SCALE:4:1 UNIT: mm  
APVD: BOYE SIZE: A3 SHEET:1 OF 1 REV:4

Recommended P.C.B. Layout (THK: 1.6mm)

TOLERANCE=±0.05

DECIMALS: ANGLES:

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

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