



ø5.0mm AVAILABLE  
VACUUM PICK UP AREA

DATE CODE

Recommended P.C.B Layout (THICKNESS=1.8mm)  
(Component Side) TOLERANCE=±0.03 (Top view)

CONNECTOR FRONT EDGE

**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 : 1.0 Kgf~2.5 Kgf (INITIAL)  
0.8 Kgf~2.5 Kgf (AFTER TEST)
- DURABILITY: 5,000 CYCLES.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE IDENTIFICATION MARK ON JACK:
- HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING:
- FOR IR RE-FLOW PROCESS.
- DATE : YMMDD
- PACKAGING : TAPE & REEL.

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+

NO	DESCRIPTION	MATERIAL	PLATING & COLOR
F	SHELL COVER	STAINLESS STEEL	
E	TERMINAL	COPPER ALLOY	
D	TERMINAL	COPPER ALLOY	
C	SHELL	STAINLESS STEEL	NICKEL 60u"MIN 2.0u"/4.0u"/NiAu" OVER PLATED ON MATING AREA, 100u" WASTE SN PLATED ON SOLDERING 80u" NICKEL UNDER PLATING OVERALL
B	BASE	PA-9T+45%GF-94V0	BLUE 300C
A	HOUSING	PA-9T+45%GF-94V0	BLUE 300C

  

TITLE	USB 3.0 REVERSE CONNECTOR
DRAWN	DWK
CHKD	CHKD
APVD	APVD
DATE	20130227
SIZE	A3
SHEET	1 OF 1
REV	A

Singatron Enterprise Co., Ltd.  
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