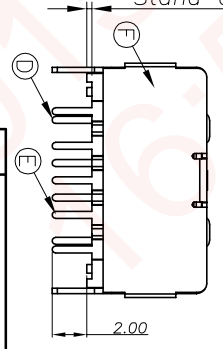


Recommended P.C.B Layout (THICKNESS=1.2mm)  
(Component Side) TOLERANCE=±0.03 TOP VIEW

- 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 SINGAITRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE IDENTIFICATION MARK ON JACK: ©
  - HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING: ©
  - FOR IR REFLOW PROCESS.
  - DATE : YYMMDD-
  - PACKAGING : TAPE & REEL.



Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GN0
PIN 5	SDA_SSRX-
PIN 6	SDA_SSRX+
PIN 7	GN0_DRAIN
PIN 8	SDA_SSTX-
PIN 9	SDA_SSTX+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	MYLAR	1	8.00*11.00mm	
F	SHELL COVER	1	STAINLESS STEEL	2µin Au+30µin Pd/Ni PLATED ON MATING AREA MATTIE Sn-10µin ON SOLDERING 80µin NICKEL UNDER PLATING OVERALL
E	TERMINAL	5	BRASS	80µin NICKEL UNDER PLATING OVERALL
D	TERMINAL	4	PHOSPHOR BRONZE	2µin Au+30µin Pd/Ni PLATED ON MATING AREA MATTIE Sn-10µin ON SOLDERING 80µin NICKEL UNDER PLATING OVERALL
C	SHELL	1	STAINLESS STEEL	NICKEL 60µin MIN
B	BASE	1	PA9T-94V0	BLACK
A	HOUSING	1	PA9T-94V0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°  
X.X : ±0.4 X.X : ±1°  
X.XX : ±0.3 X.XX : ±0.3

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

TITLE: USB 3.0 CONNECTOR  
DWG: ALLEN PART NO. 2UB4013-900101F  
CHKD: JAMES SCALE 1:1 UNIT: mm  
APVD: BOYE SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY

REV.	EGN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO. : T150105-4A	Allen	2014.07.15	