



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 : 35N MAX
 - WITHDRAWAL FORCE : 10N~25N (INITIAL)
8N~25N (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-REFLOW PROCESS.**
- DATE : YMMDD**
- PACKAGING : TAPE & REEL.**

Recommended P.C.B Layout (THICKNESS=1.6mm)
(Component Side) TOLERANCE=±0.03 TOP VIEW

CONNECTOR FRONT EDGE



REV. 7	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Victor	2013.09.23

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+

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	USB 3.0 CONNECTOR
X.X : ±0.4	X.X : ±1°	
X.XX : ±0.3		

Pin	Material	Plating & Color
F	SHELL COVER	1 STAINLESS STEEL
E	TERMINAL	5 COPPER ALLOY
D	TERMINAL	4 COPPER ALLOY
C	SHELL	1 STAINLESS STEEL
B	BASE	1 PA9T
A	HOUSING	1 PA9T

Part No.	Material	Plating & Color
30U Au ON PLATING CONTACT AREA, MATTE Sn 100U ON SOLDER AREA, 80U NICKEL UNDER PLATING OVERALL		
30U Au ON PLATING CONTACT AREA, MATTE Sn 100U ON SOLDER AREA, 80U NICKEL UNDER PLATING OVERALL		

Part No.	Material	Plating & Color
30U Au ON PLATING CONTACT AREA, MATTE Sn 100U ON SOLDER AREA, 80U NICKEL UNDER PLATING OVERALL		
30U Au ON PLATING CONTACT AREA, MATTE Sn 100U ON SOLDER AREA, 80U NICKEL UNDER PLATING OVERALL		

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

Part No. 2UB4012-300102P
Scale 1:1
Unit: mm
Sheet: 1 of 1
Rev: A