



1 2 3 4 5 6 7 8

13.70  
9.30  
13.10  
5.13  
2.00  
12.50±0.10  
11.10±0.10  
1.84±0.05  
5.12±0.10  
12.80  
15.80  
0.30  
0.40(9X)  
1.50  
2.00  
7.00  
8.00  
0.25  
0.40  
2.00  
2.00

16.40  
7.0  
5.72  
1.50  
1.00  
11.78  
5.65  
2.4±0.10  
2.0  
4.14  
2.20  
0.80  
7.00  
2.40  
2.00(2X)  
1.40(2X)  
2.90(2X)  
2.30(2X)  
12.80±0.02  
1.00  
2.50  
2.00  
0.80(4X)  
1.40(4X)  
15.80±0.02  
1.50  
5.65  
2.00  
11.78  
8.00  
2.00  
0.80±0.02(6X)  
1.40±0.02(6X)

2.00  
5.16  
8.65  
8.88  
11.75  
0.25  
0.60  
4.64  
4.57  
10.15  
2.15  
0.28

11.75  
8.65  
8.88  
2.00  
5.16  
0.25  
0.60  
4.64  
4.57  
2.15  
0.28

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

CONNECTOR FRONT EDGE

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~2.5 Kgf (INITIAL)  
0.8 Kgf~2.5 Kgf (AFTER TEST)  
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. FOR IR RE-FLOW PROCESS.  
8. DATE : YYMMDD  
9. PACKAGING : TAPE & REEL.

REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	Product Release	Duke	2013.09.26	
B	ECN NO:S141104	SEAN	2014.12.27	
C	ECN NO:S141153	SEAN	2015.03.05	

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 20~40μm/100μm OVER PLATED ON MATING AREA, 100μm WHITE SN PLATED ON SOLDERING 80NICKEL UNDER PLATING OVERALL
B	BASE	PA-4T	BLACK
A	HOUSING	PA-4T U194V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X.XX ±0.05 X ±2°  
X.XX ±0.04 X.X ±1°  
X.XX ±0.03

TITLE: USB 3.0 REVERSE CONNECTOR  
DWG: SEAN  
CHKD: CERRY  
APVD: LIAO

PART NO: 2UB4007-900101F  
SCALE: 1:1  
SIZE: A3  
SHEET: 1 OF 1  
REV: C

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

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