

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2018.01.09

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CURRENT RATING: 2.0A (PIN1,4) ; OTHER CONTACTS 0.25A
- 1-2. CONTACT RESISTANCE: 30mΩ MAX.
- 1-3. INSULATION RESISTANCE: 100MΩ MIN. @100V DC.
- 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.

2. MECHANICAL CHARACTERISTICS:

- 2-1. INSERTION FORCE: 3.5Kg MAX.
- 2-2. WITHDRAWAL FORCE: 1.0~2.5 Kgf(INITIAL) ,0.8~2.5 Kgf(AFTER TEST)

3. LIFE TEST: 5,000 CYCLES.

4. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

5. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

6. PACKAGE: SEE "2UB3912-010104F" PACKAGE.

7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

8. OTHER GENERAL SPEC. TO REFER "2UB3912-010104F SPEC".

PART NO.

2UB3912-010104F

SUFFIX: HALOGEN FREE

PACKAGE
4: TAPE & REEL

HOUSING & BASE COLOR
0: BLACK

CONTACT PLATING

1: GOLD FLASH PLATING ON CONTACT AREA,
MATTE Sn 60u" MIN. ON SOLDERING AREA,
80u" MIN. NICKEL UNDER PLATING OVERALL

Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+

F	INK	-	N/A	BLACK
E	MYLAR	2	KAPTON FILM	
D	5PIN TERMINAL	5	C2680-H, 0.20t	SEE PART NO.
C	4PIN TERMINAL	4	C5210-EH, 0.20t	SEE PART NO.
B	SHELL	1	SUS304-1/2H, 0.30t	NICKEL PLATING
A	HOUSING	1	PA9T, UL94-V0	SEE PART NO.
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

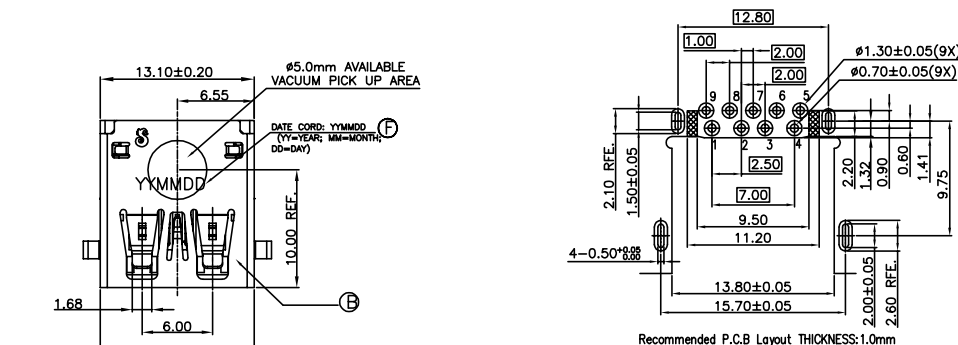
UNLESS OTHERWISE
SPECIFIED TOLERANCES

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

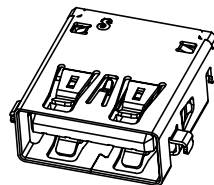
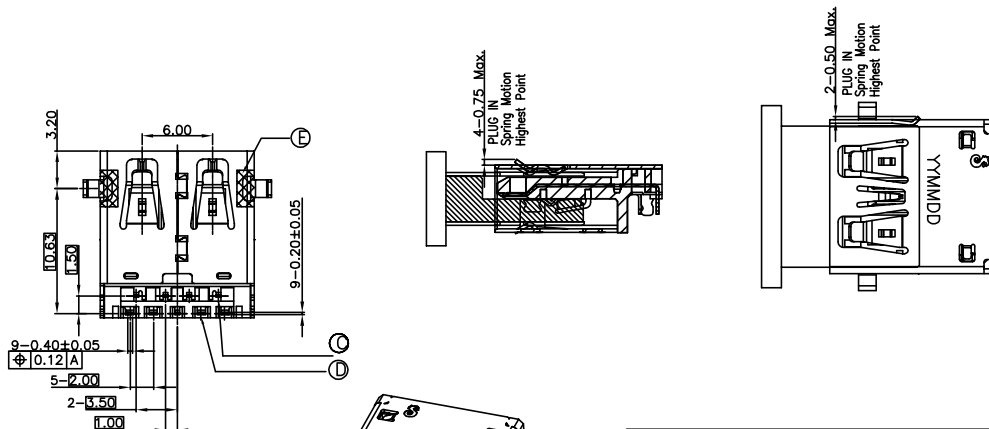
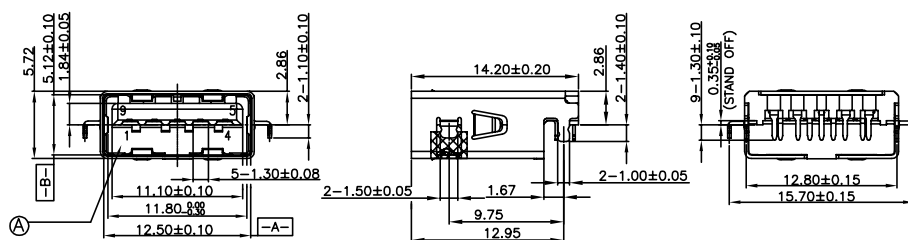


Singatron Enterprise Co., Ltd.
信音企業股份有限公司

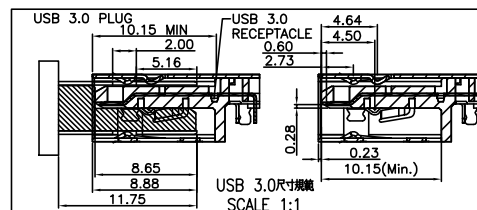
TITLE	USB3.0 R/A, DIP TYPE		
DWN	EVEN 2018.01.09	PART NO.	2UB3912-010104F
CHKD	ANGELA2018.01.09	SCALE	N/A UNIT: mm
APVD	ANGELA2018.01.09	SIZE: A3	SHEET:1 OF 1 REV:A
CUSTOMER COPY			



Recommended P.C.B Layout THICKNESS:1.0mm



3D VIEW



USB 3.0 R/A 1:1