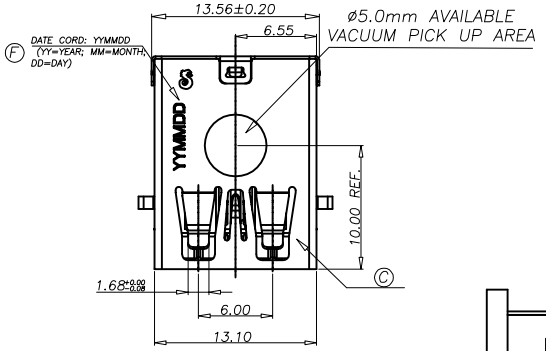
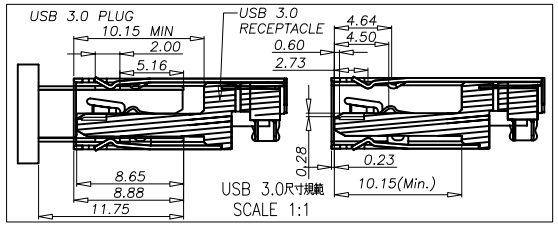
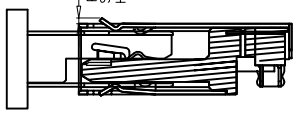
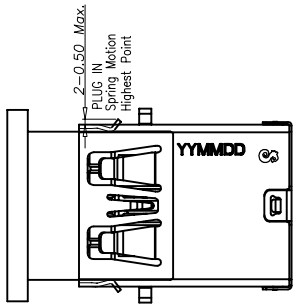
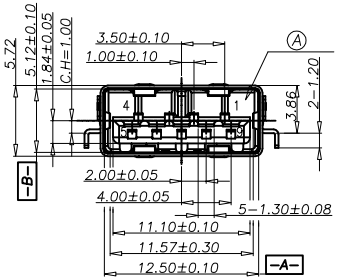
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2014.12.01

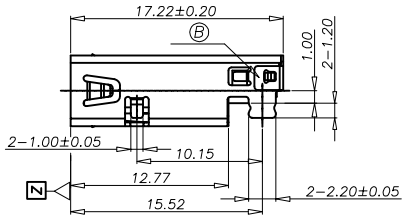


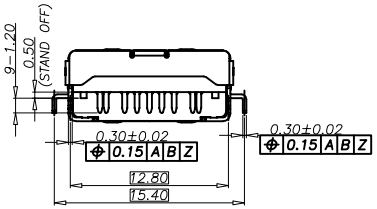










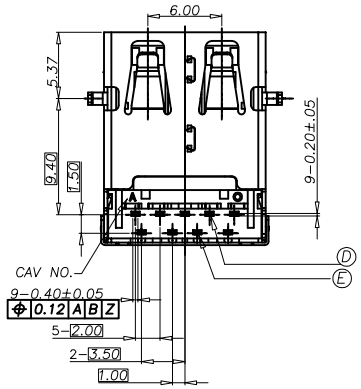


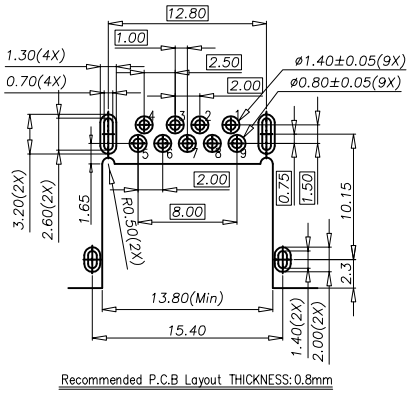
SPECIFICATIONS:

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 : 2.5 Kgf MAX
   - 2-2. WITHDRAWAL FORCE : 1.0~2.50Kgf(INITIAL),0.8~2.5Kgf (AFTER TEST)
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
6. PACKAGE: SEE "2UB1637-020211F" PACKAGE.
7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
8. OTHER GENERAL SPEC. TO REFER "2UB1637-020111F SPEC".

PART NO.
2UB1637-020211F

- 0: CH=1.00 TALL LENGTH
  - 2: Terminal:1.20 mm. Shell :1.20 mm
- SUFFIX: HALOGEN FREE
- PACKAGE
  - 1: TAPE & REEL
- HOUSING COLOR
  - 1: BLACK
- CONTACT PLATING
  - 2: 2u"Au OVER 30u"Pd/Ni ON MATING AREA, MATTE Sn 120~200u" ON SOLDERING AREA, 80~150u" NICKEL UNDER PLATING OVERALL





Recommended P.C.B Layout THICKNESS:0.8mm

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+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	INK			BLACK
E	4 PIN TERMINAL	4	C5210-EH 0.2t	SEE PART NO.
D	5 PIN TERMINAL	5	C2680-H 0.2t	SEE PART NO.
C	SHELL	1	SUS 304 0.3t	
B	COVER	1	SUS 304 0.2t	NICKEL
A	HOUSING		PA-9T UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

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

TITLE	USB 3.0 REVERSE CONNECTOR		
DWN	IVY-C 2014.12.01	PART NO. 2UB1637-020211F	
CHKD		SCALE 1:1	UNIT: mm
APVD	ANGELA2014.12.01	SIZE: A3	SHEET:1 OF 1 REV: A

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