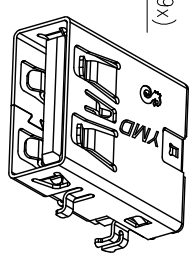
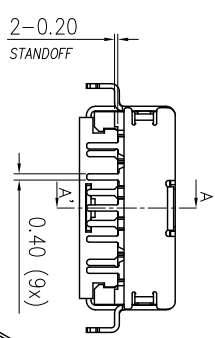
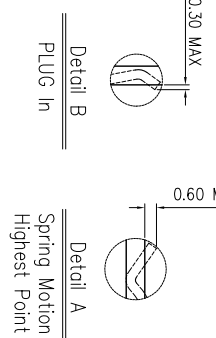
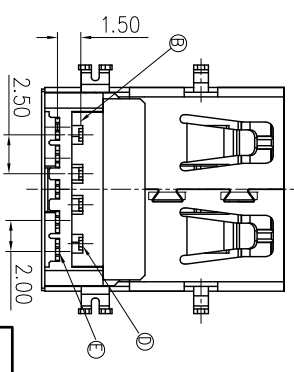
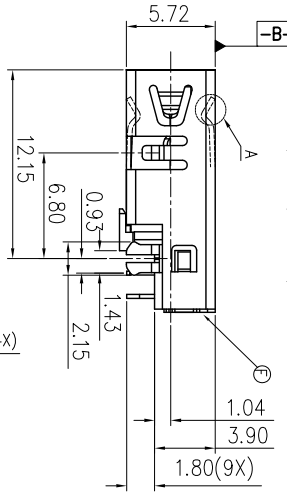
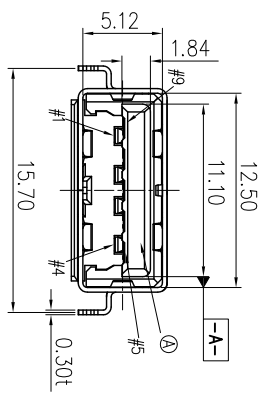


Recommended P.C.B Layout (THK: 1.0mm)  
Top View (Tol: ±0.05)



- SPECIFICATIONS:
- 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
  - MECHANICAL CHARACTERISTICS:
    - 2-1 INSERTION FORCE: 3.5 kgf MAX
    - 2-2 WITHDRAWAL FORCE: 1.0 kgf MIN
  - DURABILITY: 5,000 CYCLES.
  - OTHER SPEC TO REFER USB 3.0 SPEC.
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK :
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - PACKAGING: TAPE & REEL.

Pin NO	Signal Assignment
# 1	VBUS
# 2	D-
# 3	D+
# 4	GND
# 5	SIG <sub>A</sub> -SSPX-
# 6	SIG <sub>A</sub> -SSPX+
# 7	GND_DRAIN
# 8	SIG <sub>A</sub> -SSTX-
# 9	SIG <sub>A</sub> -SSTX+
	Shield

F	REAR COVER	1	SPCC	NICKEL 60U "MIN
E	TERMINAL	5	COOPER ALLOY	SOAD 2" 3" OVER 80/IN 300 "90 CONTACT AREA NICKEL OVER 80U "NICKEL PLATED
D	TERMINAL	4	COOPER ALLOY	SOAD 2" 3" OVER 80/IN 300 "90 CONTACT AREA NICKEL OVER 80U "NICKEL PLATED
C	SHELL	1	STAINLESS STEEL	NICKEL 60U "MIN
B	BASE	1	HIGH TEMP.	BLUE
A	HOUSING	1	HIGH TEMP.	BLUE
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	USB 3.0 CONNECTOR
DWG	ZLS 14/7/11 PART NO. ZUB2310-000121F
CHKD	BILLY 14/7/11 SCALE 3:1 UNIT: mm
APVD	ZLZ 14/7/11 SIZE: A3 SHEET 1 OF 1 REV: A

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