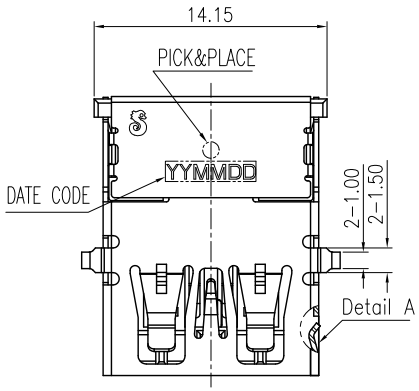
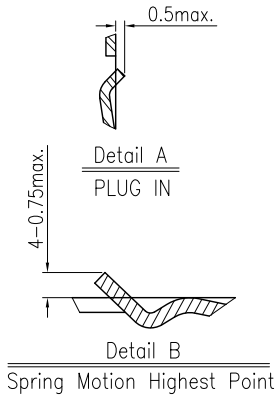
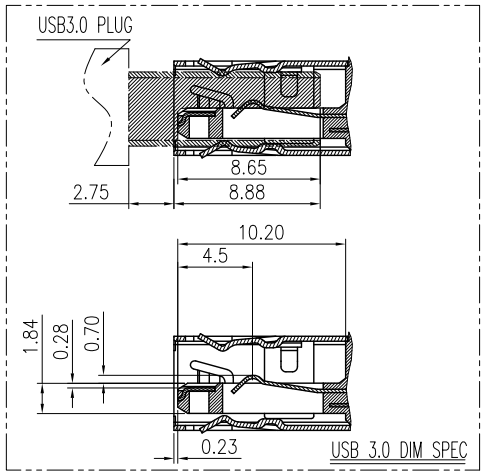
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| A | PRODUCT RELEASE | Hagen.Hu | 2013.06.26 |
| B | ECN NO:C140120MODIFY DRAWING | Chunxiao | 2014.05.15 |
| C | ECR NO:C140184, Change Force SPEC | Chunxiao | 2014.07.17 |

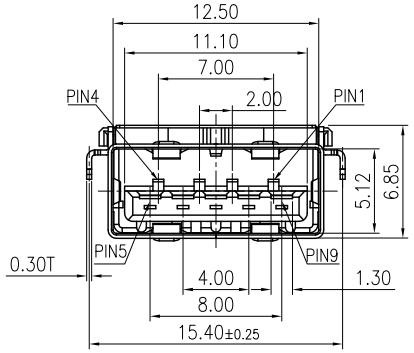


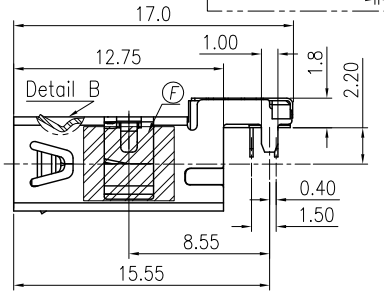



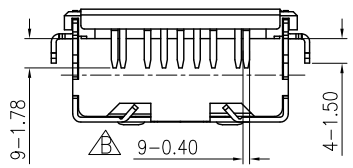



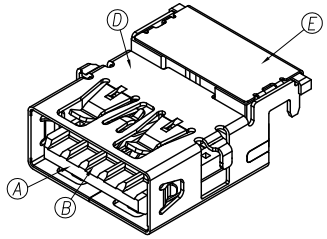

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 2.0A (PIN1,4) ; OTHER CONTACTS 0.25A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE
   - 1-4. INSULATION RESISTANCE: 100 MEGOHMS BY 500V DC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 25N MAX.
   - 2-2. WITHDRAWAL FORCE :10N~25N INITIAL, 8N MIN. AFTER DURABILITY
3. DURABILITY: 5,000 CYCLES,
4. OTHER SPEC TO REFER "2UB2309-000211F SPEC."
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK :◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING : TAPE & REEL.

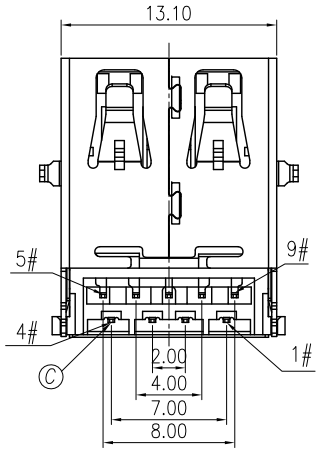


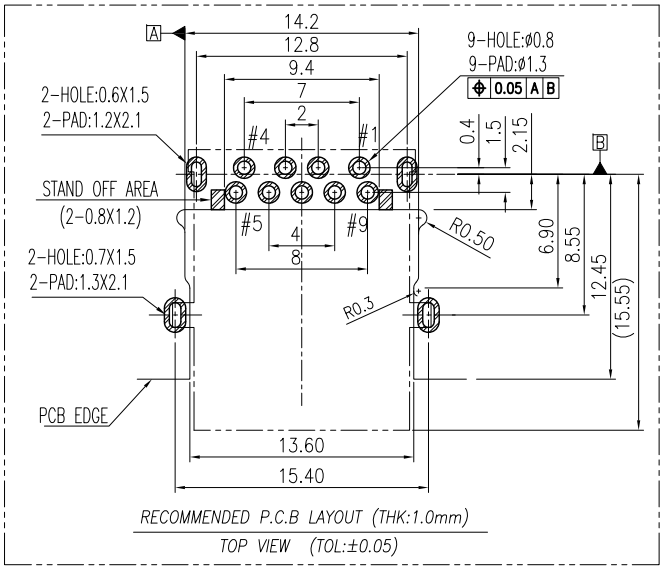




| Pin NO. | Signal Assignment |
|---|---|
| # 1 | VBUS |
| # 2 | D- |
| # 3 | D+ |
| # 4 | PGND |
| # 5 | SSRX- |
| # 6 | SSRX+ |
| # 7 | GND |
| # 8 | SSTX- |
| # 9 | SSTX+ |




RECOMMENDED P.C.B LAYOUT (THK:1.0mm)
TOP VIEW (TOL:±0.05)

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|---|---|---|---|
| F | MYLAR | 2 | MYLAR 0.075T | TRANSPARENT |
| E | COVER | 1 | STAINLESS STEEL 0.2T | N/A |
| D | SHELL | 1 | STAINLESS STEEL 0.3T | NICKEL PLATED |
| C | 4P TERMINAL | 4 | COPPER ALLOY | GOLD FLASH ON CONTACT AREA MATTE Sn 120u" PLATED ON SOLDE TAIL, ALL OVER 80u"NICKEL PLATED |
| B | 5P TERMINAL | 5 | COPPER ALLOY | |
| A | HOUSING | 1 | HIGH TEMP. THERMAL PLASTIC UL94-V0 | BLACK |

UNLESS OTHERWISE SPECIFED 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 | USB3.0 REVRSE CONNECTOR | | |
| DWN | ZLS 14/9/17 | PART NO. | 2UB2309-000211F |
| CHKD | BILLY 14/9/17 | SCALE 4:1 | UNIT: mm |
| APVD | ZJZ 14/9/17 | SIZE: A3 | SHEET:1 OF 1 REV: C |

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文件編號 RD-06-043-A