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PART NUMBER

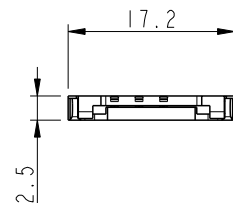
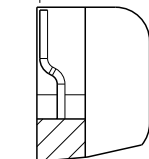
7111S2015X01

7111S2015X02

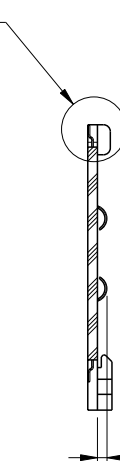
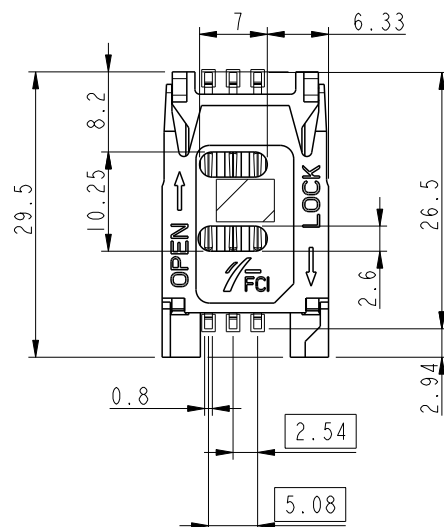
7111S2015X04

DETAIL F  
SCALE 10:1

0.06 ± 0.1

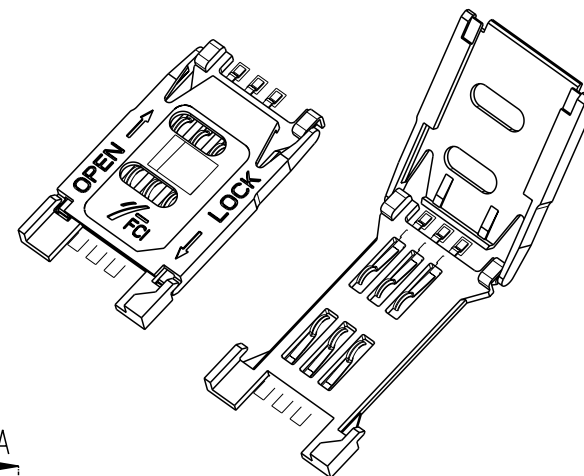
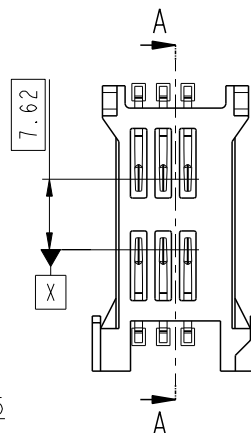


SEE DETAIL F



SECTION A-A

SEE NOTE SHEET 2



gen.tol : from 0mm to 10mm  $\pm 0.10$ mm  
10mm to 30mm  $\pm 0.15$ mm  
30mm to 60mm  $\pm 0.20$ mm  
over 60mm  $\pm 0.30$ mm

| ltr | ecn no | dr  | date     |
|-----|--------|-----|----------|
| 1   | ---    | JBB | 98/09/01 |
| 2   | ---    | JBB | 98/12/23 |
| 3   | ---    | LVU | 99/02/25 |
| 4   | ---    | LVU | 99/03/26 |
| A   | ---    | HLE | 01/12/06 |
| B   | LS2013 | RCH | 02/03/14 |
| -   | -      | -   | -        |

|                    |             |          |                                                                           |            |           |
|--------------------|-------------|----------|---------------------------------------------------------------------------|------------|-----------|
| www.fciconnect.com |             |          | surface -- <input checked="" type="checkbox"/> tolerance ISO 406 ISO 1101 | projection | mm        |
| Dr                 | L.VUILLEMIN | 98/09/01 | Product family                                                            | MOBILE I/O |           |
| Eng                | G.GAMACHO   | 98/09/01 | Spec ref                                                                  | --         |           |
| Chr                | O.CAILLER   | 98/09/01 | Material                                                                  | SEE NOTES  |           |
| Appr               | G.GAMACHO   | 98/09/01 |                                                                           |            |           |
| title              |             |          | SIM CARD READER                                                           |            |           |
| S20                |             |          | size                                                                      | A3         | Scale 2:1 |
| catalog no         |             |          | ECN                                                                       | LS2013     |           |
| -- CUSTOMER        |             |          | dwg no                                                                    | VJW-54355  | Rev. B    |
|                    |             |          | sheet 1 of 2                                                              |            |           |

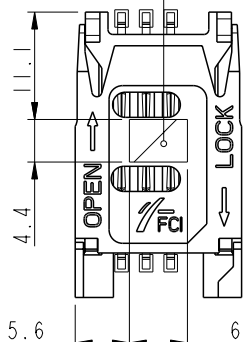
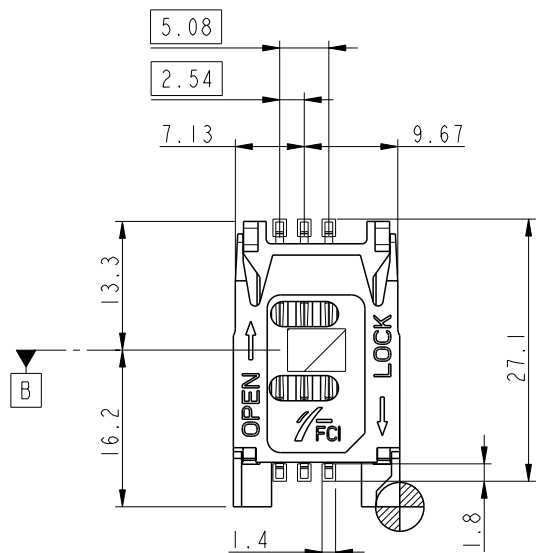
## PART NUMBER

7111S2015X01

7111S2015X02

7111S2015X04

Area for vacuum ventury  
free of burrs or ejector marks

PCB FOOTPRINT  
IMPLANTATION CI

gen.tol : from 0mm to 10mm  $\pm 0.10$ mm  
10mm to 30mm  $\pm 0.15$ mm  
30mm to 60mm  $\pm 0.20$ mm  
over 60mm  $\pm 0.30$ mm

**NOTES:****A MECHANICAL PROPERTIES:**

housing material: PA 4/6 colour black,  
flamability class UL94V0 rated  
Contacts material: CuSn9P, tickness 0.16mm  
Contacts plating:  
contact area: 2 microns Au over 2.5 microns Ni mini  
Solder area: SnPb 60/40 3 microns over 2.5u Ni mini  
bare edge allowed  
Durability: 10000 mating cycles  
Contacts force: 0.5 N MAX at maximum deflection

**B ELECTRICAL PROPERTIES:**

Contact resistance:  $< 100m\Omega$   
Insulation resistance:  $> 1000M\Omega$   
Dielectrique withstanding voltage:  $> 1000Vrms$   
Current carrying capacity: min 10uA, MAX 1A  
Voltage U5:  $5V \pm 0.1V$  with  $R=560\Omega$

**C ENVIRONEMENT:**

Operation temperature range:  $-40^{\circ}C$  to  $+90^{\circ}C$   
Reflow soldering temperature (infra-red):  $225^{\circ}C/20s$ ,  $236^{\circ}C$  MAXI

**D Packaging:**

Tape and Reel:  
FOR P/N 7111S2015X01 AND P/N 7111S2015X04 pitch of tape : 24mm  
FOR P/N 7111S2015X02 pitch of tape : 20mm

**APPLICABLE DOCUMENT:**

Product specification VGN11502/A  
GENERAL SPECIFICATIONS  
MECHANICAL PERFORMANCES  
ELECTRICAL PERFORMANCES  
TESTING

Climatic conditions

UTE C 93-421

Standart: card standart ISO 7810, ISO 7816, GSM 11.11

|                                                                                       |             |          |                    |            |                        |                                  |                                                                                                     |                                                                                             |
|---------------------------------------------------------------------------------------|-------------|----------|--------------------|------------|------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  |             |          | www.fciconnect.com |            | surface --<br>ISO 1302 | tolerance<br>ISO 406<br>ISO 1101 | projection<br> | mm<br> |
| Dr                                                                                    | L.VUILLEMIN | 98/09/01 | Product family     | MOBILE I/O |                        | size                             | Scale                                                                                               |                                                                                             |
| Eng                                                                                   | G.GAMACHO   | 98/09/01 | Spec ref           | --         |                        | A3                               | 2:1                                                                                                 |                                                                                             |
| Chr                                                                                   | O.CAILLER   | 98/09/01 | Material           | SEE NOTES  |                        | ECN                              | LS2013                                                                                              |                                                                                             |
| Appr                                                                                  | G.GAMACHO   | 98/09/01 |                    |            |                        |                                  |                                                                                                     |                                                                                             |
| title                                                                                 |             |          | SIM CARD READER    |            |                        | dwg no                           |                                                                                                     | Rev.                                                                                        |
| S20                                                                                   |             |          |                    |            |                        | VJW-54355                        |                                                                                                     | B                                                                                           |
| catalog no                                                                            |             |          | --                 |            |                        | CUSTOMER                         |                                                                                                     | sheet 2 of 2                                                                                |