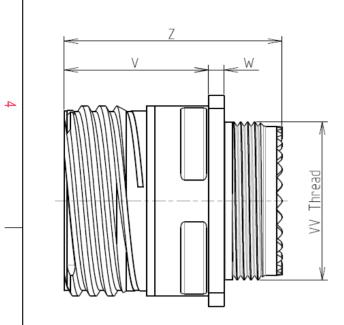
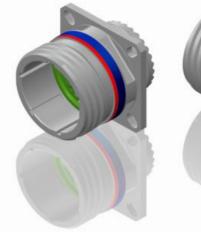
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|---|---|---|---|---|
|   |   |   |   |   |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 21

PLATING : F = Nickel

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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-Standard : Based on MIL-DTL-38999 Series III

|   | -Shell Material                                  | : Aluminium                                  |  |  |  |  |
|---|--|--|--|--|--|--|
|   | -Shell Plating                                   | : Nickel                                     |  |  |  |  |
| 2 | -Insulator                                       | : Thermoplastic                              |  |  |  |  |
|   | -Contacts  | : Copper Alloy                               |  |  |  |  |
|   | -Seals & Grommet                                 | : Silicon Elastomer                          |  |  |  |  |
|   | -Contact Plating                                 | : Gold over copper Alloy 0.8 $\mu$ m minimum |  |  |  |  |
|   | -Durability                                      | : 500 Mating cycles                          |  |  |  |  |
|   | -Delivered with Souriau contacts and Accessories |  |  |  |  |  |
|   | -Temperature Range                               | <sub>:</sub> -65°C to +200°C                 |  |  |  |  |
|   | -Salt Spray                                      | : 48 hours                                   |  |  |  |  |
|   | -Mass  | : 36.41 g ± 10%                              |  |  |  |  |
|   |  |  |  |  |  |  |

8D 0

G

21

-

F

16

А

F

С

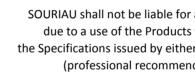
| Dim       | Nominal       |  |  |
|-----------|---------------|--|--|
| Р         | 3.25±0.2      |  |  |
| РР        | 4.93±0.2      |  |  |
| R1        | 31.75         |  |  |
| R2        | 29.36         |  |  |
| S         | 39.7±0.3      |  |  |
| V         | 20.07+0/-1.25 |  |  |
| W         | 2.1/3.2       |  |  |
| Z         | 31.5 Max      |  |  |
| VV THREAD | M31x1-6g      |  |  |

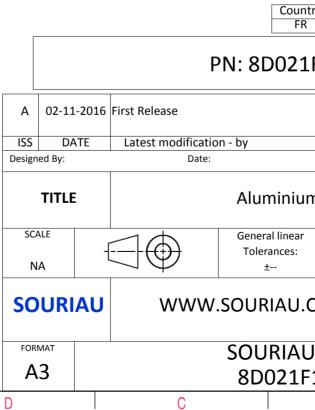
ORIENTATION : C

CONTACT TYPE : PIN(500 Matings)

Е

CONTACT LAYOUT : 21-16





|                              | ω  |                             | А  |        |   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  | ·                           |  |        |   |
|                              |  |                             |  |        | 4 |
| AS EXA                       | AMPLE  |                             |  |        | 3 |
| s which<br>er of t<br>idatio | non-conformit<br>ch does not co<br>che Parties or b<br>on, technical n | mply with<br>by a third par | ty   |        |   |
| Intry<br>R                   | JURISC   | Not Listed                  | u oi list  |        | 2 |
| 1F:                          | 16AC   |                             |  |        |   |
| _                            |  |                             |  |        |   |
|                              |  | CUSTON                      | R DRAWING  | MOD N° |   |
| um                           | Receptac   |                             |  |        |   |
| ar                           |  |                             | PROJECT  |        |   |
|                              |  |                             | 59   |        | 1 |
| J.CC                         | DM   | it mu:                      | cument is the pro<br>SOURIAU<br>st not be reproduc<br>licated without pe | ced or |   |
|                              | DRG N°   | I                           |  | SHEET  |   |
| .F1                          | 6AC-C  |                             |  | 1/2    | J |
|                              | В  |                             | А  |        |   |
|                              |  |                             |  |        |   |

|          | <b>工</b>   | ര   | н <b>г</b> | m   |                                  | 0   |   |
|----------|--|---|------------|-----|----------------------------------|---|---|
|          |  | Contact Layout  |            |     |                                  | р   | anel Cutou                              |
| 4        | -x   | $\begin{array}{c} & \bullet^{+\gamma} \\ & \bullet^{\Theta} $ |            |     | 2                                | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |   |
|          | Contact<br>position ID  X-axis    A  +.118 (3.00)    B  +.271 (6.68)    C  +.341 (8.66)    D  +.308 (7.82)    E  +.182 (4.62)    F  +.000 (0.00)    G 182 (4.62)    H 308 (7.82) | Q.SYM    Contacts<br>(Insert arrangement 21-16)    ition  Location    Y-axis  Y-axis    Y-axis  Y-axis    Y-axis  Y-axis    X-axis  Y-axis    X-axis  Y-axis    X-axis  Y-axis    X-231 (6.88)  + 211 (5.36)    X  - 221 (6.88)  + 211 (5.36)    X  - 221 (16.38)  + 211 (5.36)  X  - 221 (16.38)  + 211 (5.36)  × 202 (7.37)  N  + 151 (3.91)  + 0.52 (1.57)  - 230 (7.37)  N  + 152 (3.10)  - 122 (3.10)  - 122 (3.10)  - 122 (3.10)  - 122 (3.10)  - 122 (3.10)  - 122 (3.10)  - 122 (3.10)  - 154 (3.81)  + 0.52 (1.57)  - 154 (3.91)  + 0.52 (1.57)  - 154 (3.91) <th< th=""><th></th><th></th><th>W</th><th>Dim<br/>ØA</th><th>ØT_</th></th<>   |            |     | W                                | Dim<br>ØA   | ØT_                                     |
| ω        | size no. cor   | mber of Size contacts Service Contact Supersedes<br>ntacts contacts rating location<br>16 16 II All MS20055-16  |            |     |                                  | ØAA<br>ØAA<br>R1<br>ØT  |   |
|          |  |   |            |     |                                  | SOURIAU shall not be lia<br>due to a use of the Pr<br>the Specifications issued b<br>(professional reco | roducts wh<br>by either of<br>ommendati |
| 23       |  |   |            |     | A 02-11-                         | PN: 8   | Country<br>FR<br>D021F                  |
|          |  |   |            |     | ISS DAT<br>Designed By:<br>TITLE | TE Latest modification - by<br>Date:  | ıminium                                 |
| <b>_</b> |  |   |            |     | SCALE<br>NA<br>SOURI             |   | eral linear<br>erances:<br>±<br>RIAU.C  |
|          |  | I   | Γ          |     | FORMAT<br>A3                     | 8D  | JRIAU<br>0021F1                         |
|          | Н  | l G   | l F        | E \ | D                                | C   |   |

