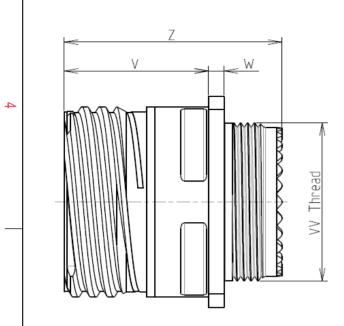
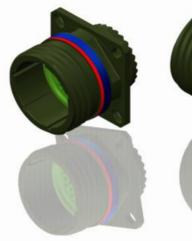
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LAYOUT SHOWN AS

Keying Shown as example

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## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 21

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : W = Olive drab Cadmium

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

|                                     | -Shell Material    | : Aluminium                                  |  |
|-------------------------------------|--------------------|--|--|
|                                     | -Shell Plating     | : Olive drab Cadmium                         |  |
|                                     | -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 without Souriau contacts |                    |  |  |
|                                     | -Temperature Range | : -65°C to +175°C                            |  |
|                                     | -Salt Spray        | : 500 hours                                  |  |

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| Dim       | Nominal       |
|-----------|---------------|
| Р         | 3.25±0.2      |
| PP        | 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      |

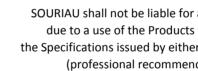
Delivered W/O Contacts

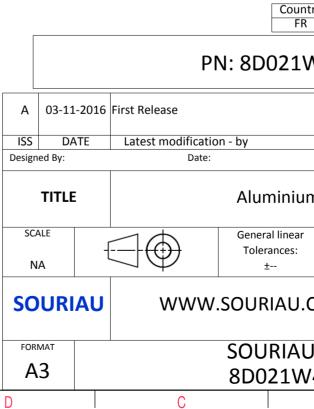
CONTACT LAYOUT : 21-42

CONTACT TYPE : PIN(500 Matings)

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ORIENTATION : E





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| S EXAMPLE  |  |              | 3 |
| any non-conformit<br>which does not co<br>or of the Parties or b<br>idation, technical no<br>intry Jurisd<br>R | mply with<br>by a third party  |              | 2 |
|  |  | MOD N°       |   |
| um Receptacl   | customer drawing<br>e 8D series  |              |   |
| ar   | NPRDS / PROJECT<br><b>859</b>  |              |   |
| I.COM  | This document is the prope<br>SOURIAU<br>it must not be reproduce<br>communicated without perr | d or         | 1 |
| U DRG N°<br>N42PEL-C   |  | SHEET<br>1/2 |   |
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| T 0 T M                                       | D            | 0  |                            |
|---|--------------|--|----------------------------|
| Contact Layout                                |              | Ра   | anel Cutou                 |
| <b>42</b><br>↓                                |              | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING   |                            |
| 2#4 Power   21-42   Ctc X   A 0   B 0   -6.19 | ¥            | ØA.  | э́т                        |
| ω   |              | Dim<br>ØA<br>ØAA<br>R1<br>ØT   |                            |
|   |              |  |                            |
|   |              | SOURIAU shall not be lial<br>due to a use of the Pro<br>the Specifications issued by<br>(professional reco | oducts wh<br>y either of   |
|   |              |  | Country<br>FR              |
|   |              | PN: 8D   | 021W                       |
|   | A 03-11-20   | 016 First Release  |                            |
|   | Designed By: | Date:  |                            |
|   | TITLE        | Alu  | minium                     |
| →   | SCALE<br>NA  |  | ral linear<br>rances:<br>± |
|   | SOURIA       | U WWW.SOUF   | RIAU.C                     |
|   | FORMAT<br>A3 |  | JRIAU<br>)21W4             |
| H G F E                                       | D            | C  |                            |

