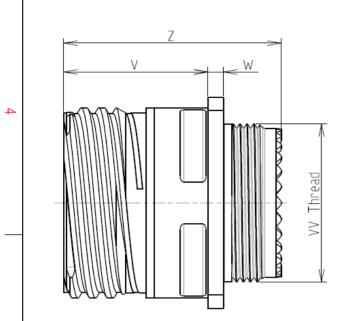
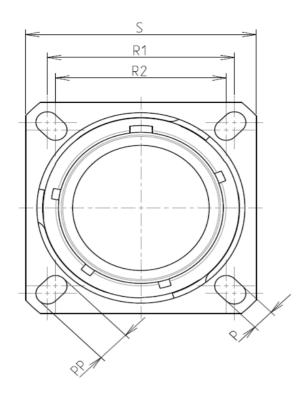
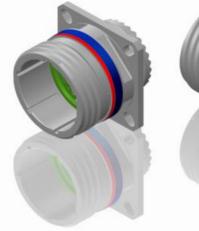
| т | ۵ | т I | m | 0 |
|---|---|-----|---|---|
|   |   |     |   |   |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 21

SHELL TYPE : Square Flange Receptacle

PLATING : K = Passivated

Н

CONTACT TYPE : Standard Crimp Contact

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

| -Shell Material                     | : Stainless Steel                            |  |  |
|-------------------------------------|--|--|--|
| -Shell Plating                      | : Passivated                                 |  |  |
| -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 +200°C                              |  |  |
| -Salt Spray                         | : 500 hours                                  |  |  |

8D 0

G

21

К

77

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F

C L

| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| 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      |  |  |

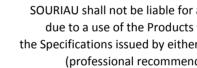
Delivered W/O Contacts

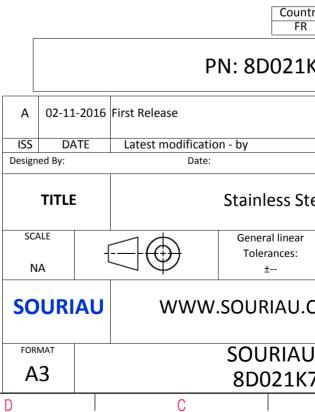
CONTACT LAYOUT : 21-77

CONTACT TYPE : PIN(500 Matings)

Е

ORIENTATION : C





| Φ   |                                | А                         |        |   |
|---|--------------------------------|---------------------------|--------|---|
| R   |                                |                           |        | 4 |
| AS EXAMPLE  |                                |                           |        | 3 |
| r any non-conform<br>s which does not o<br>er of the Parties of<br>ndation, technical<br>untry Juri<br>FR<br>1K77PCL    | comply with<br>r by a third pa | arty<br>ntrol List        |        | 2 |
|   |                                |                           |        |   |
|   | CUSTOM                         | ER DRAWING                | MOD N° |   |
| Steel Receptacle 8D series  |                                |                           |        |   |
| ar<br>:   |                                | 5 / PROJECT<br><b>859</b> |        | 1 |
| J.COM<br>This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |                                |                           |        |   |
| U DRG N°<br>K77PCL-C  |                                |                           | SHEET  |   |
| B   |                                | A                         | _, _   | J |
| <u> </u>  | I                              |                           |        |   |

|          | т      | <u>م</u>            | 1              | н <b>т</b> | т   | D        |                 | O   |                                  |
|----------|--------|---------------------|----------------|------------|-----|----------|-----------------|---|----------------------------------|
|          |        | Contact Layout      |                |            |     |          | SQUARF          | FLANGE RECEPTACIE (TYPE 0)                  | Panel Cutou                      |
| 4        |        |                     |                |            |     |          |                 | FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING |                                  |
|          |        | 17#22D<br>2#8 Triax |                |            |     |          |                 |   |                                  |
| _        |        | 2#0 IIIax<br>21-77  |                | 1          |     |          |                 |   |                                  |
|          | Ctc    | X                   | Y              |            |     |          |                 | ØA  | <u>ØT</u>                        |
|          | Α      | 1.96                | 8.38           |            |     |          |                 |   | _                                |
|          | В      | 5.46                | 7.67           |            |     |          |                 |   |                                  |
|          | С      | 8.51                | 5.79           |            |     |          |                 | Dir<br>Ø/                                   |                                  |
| ω        | D      | 10.46               | 2.82           |            |     |          |                 | ØA  | A                                |
|          | E<br>F | 10.46<br>8.51       | -2.82<br>-5.79 |            |     |          |                 | R:<br>Ø                                     |                                  |
|          | G      | 5.46                | -7.67          |            |     |          |                 |   |                                  |
|          | н      | 1.96                | -8.38          |            |     |          |                 |   |                                  |
|          | J      | 0                   | -5.41          |            |     |          |                 |   |                                  |
|          | К      | -1.96               | -8.38          |            |     |          |                 | SOURIAU shall not be                        | liable for any                   |
|          | L      | -5.46               | -7.67          |            |     |          |                 | due to a use of the                         | Products whi                     |
|          | N      | -8.51<br>-10.46     | -5.79<br>-2.82 |            |     |          | t               | he Specifications issue<br>professional re  |                                  |
|          | P      | -10.46              | 2.82           |            |     |          |                 | W <sup>2</sup>                              |                                  |
| N        | R      | -8.51               | 5.79           |            |     |          |                 |   | Country<br>FR                    |
|          | S      | -5.46               | 7.67           |            |     |          |                 |   |                                  |
|          | Т      | -1.96               | 8.38           |            |     |          |                 | PN: 8                                       | 3D021K                           |
|          | U      | -4.57               | 0              |            |     |          |                 |   |                                  |
|          | V      | 4.57                | 0              |            |     | A        | 02-11-2016 Firs | t Release                                   |                                  |
| _        |        |                     |                |            |     | ISS      |                 | atest modification - by                     |                                  |
|          |        |                     |                |            |     | Designed | d By:           | Date:                                       |                                  |
|          |        |                     |                |            |     | r        | TITLE           | Sta   | inless Ste                       |
| <u> </u> |        |                     |                |            |     | SCAL     |                 |   | eneral linear<br>olerances:<br>± |
|          |        |                     |                |            |     | SOL      | JRIAU           | WWW.SOU                                     | JRIAU.C                          |
|          |        |                     |                |            |     | FORM.    |                 |   |                                  |
|          |        | ~                   |                | <b>–</b>   | -   | 1        | <b>,</b>        |   | D021K7                           |
|          | Н      | G                   |                | F          | E \ | D        | I               | С   | Ι                                |

