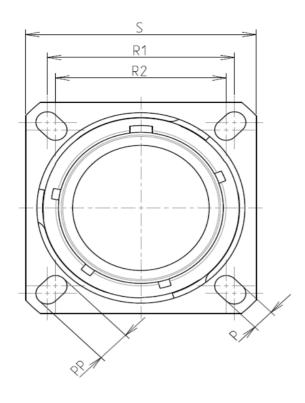
| Ŧ | G | п | m | 0 |
|---|---|---|---|---|







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

-Mass

BASIC SERIES:

SHELL SIZE : 25

PLATING : S = Nickel

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

|  | -Shell Material                     | : Stainless Steel                      |  |  |  |
|--|-------------------------------------|--|--|--|--|
|  | -Shell Plating                      | : Nickel                               |  |  |  |
|  | -Insulator                          | : Thermoplastic                        |  |  |  |
|  | -Contacts                           | : Copper Alloy                         |  |  |  |
|  | -Seals & Grommet                    | : Silicon Elastomer                    |  |  |  |
|  | -Contact Plating                    | : Gold over copper Alloy 0.8µm minimum |  |  |  |
|  | -Durability                         | : 500 Mating cycles                    |  |  |  |
|  | -Delivered without Souriau contacts |  |  |  |  |
|  | -Temperature Range                  | -65°C to +200°C                        |  |  |  |
|  | -Salt Spray                         | : 500 hours                            |  |  |  |
|  | . ,                                 |  |  |  |  |

: 93.71 g ± 10%

8D 0

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| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| Dim                 | Nominal       |  |  |
| Р                   | 3.91±0.2      |  |  |
| PP                  | 6.15±0.2      |  |  |
| R1                  | 38.1          |  |  |
| R2                  | 34.93         |  |  |
| S                   | 46±0.3        |  |  |
| V                   | 20.07+0/-1.25 |  |  |
| W                   | 2.1/3.2       |  |  |
| Z                   | 31.5 Max      |  |  |
| VV THREAD           | M37x1-6g      |  |  |

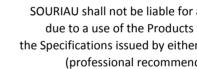
Delivered W/O Contacts

CONTACT LAYOUT : 25-11

CONTACT TYPE : PIN(500 Matings)

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**ORIENTATION : A** 





|  | Φ   |                             | A               |              |           |
|--|---|-----------------------------|-----------------|--------------|-----------|
|  |   |                             |                 |              | 4         |
| AS EXA   | AMPLE   |                             |                 |              | 3         |
| whic<br>er of t  | non-conformit<br>ch does not co<br>he Parties or b<br>on, technical n<br>Jurisd | mply with<br>by a third par | ty<br>trol List |              | 2         |
| 5S1  | 1PAL  |                             |                 |              | -         |
|  | 1   | 0.0000                      |                 | MOD N°       | <br> <br> |
| Stee   | customer drawing  |                             |                 |              |           |
| ar<br>:  | NPRDS / PROJECT<br>859  |                             |                 |              |           |
| This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |   |                             |                 |              |           |
|  | DRG N°<br>LPAL-C  |                             |                 | SHEET<br>1/2 |           |
|  | В   |                             | А               | <u> </u>     | L         |
|  |   |                             |                 |              |           |

|          | Ŧ  | ۵  | п П | m | D                                     | 0  |
|----------|--|--|-----|---|---------------------------------------|--|
|          |  | Contact Layout   |     |   |                                       | Panel Cutou  |
| 4        |  |  |     |   | ۲<br>۲                                | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING   |
|          | Contact<br>position ID  Local    A 000 (0.00)    B  +.304 (7.72)    C  +.431 (10.95)    D  +.304 (7.72)    E  +.000 (0.00)    F 304 (7.72) | Contacts<br>(Insert arrangement 25-11)    Location<br>Y-axis<br>(mm)  Location<br>X-axis    Y-axis<br>(mm)  Contact<br>(mm)  (mm)  (mm)    -4.31 (10.95)  O  -4.31 (10.95) 000 (0.00)  +.304 (7.72)  +.304 (7.72)    +.000 (0.00)  J  +.000 (0.00)  +.102 (2.54) 160 (4.06)   304 (7.72)  L 092 (2.34) 160 (4.06)   304 (7.72) |     |   | ¥                                     | ØT<br>ØA   |
| ω        | NOTES:<br>1. All dimensions are true<br>2. Front face of pin insert<br>Shell Arrangement<br>size no.<br>25 -11                             | position.<br>shown.<br>Number of Size contacts rating location<br>9 10 N AB,C,D,E,F,<br>2 20 LK  |     |   |                                       | Dim<br>ØA<br>ØAA<br>R1<br>ØT   |
|          | 1  |  |     |   |                                       |  |
|          |  |  |     |   |                                       | SOURIAU shall not be liable for an<br>due to a use of the Products wh<br>the Specifications issued by either of<br>(professional recommendat |
| N        |  |  |     |   |                                       | PN: 8D025S   |
| _        |  |  |     |   | A 17-10-2<br>ISS DATE<br>Designed By: | 016 First Release  |
|          |  |  |     |   | TITLE                                 | Stainless Ste  |
| <b>_</b> |  |  |     |   | SCALE<br>NA                           | General linear<br>Tolerances:  |
|          |  |  |     |   | SOURIA                                | U WWW.SOURIAU.C  |
|          |  |  |     | _ | FORMAT<br>A3                          | SOURIAU<br>8D025S1   |
| L        | Н  | G  | F   | E | D                                     | C  |

