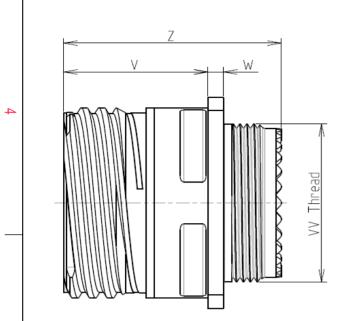
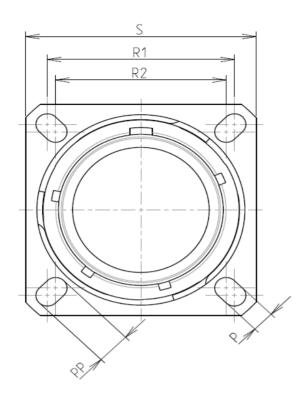
| <b>—</b> |          |      |          |  |
|----------|----------|------|----------|--|
|          | <u> </u> | <br> | <b>U</b> |  |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

-Mass

BASIC SERIES:

SHELL SIZE : 13

SHELL TYPE : Square Flange Receptacle

PLATING : K = Passivated

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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                    |  |  |  |  |
| N | -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                            |  |  |  |  |

: 36.58 g ± 10%

8D 0

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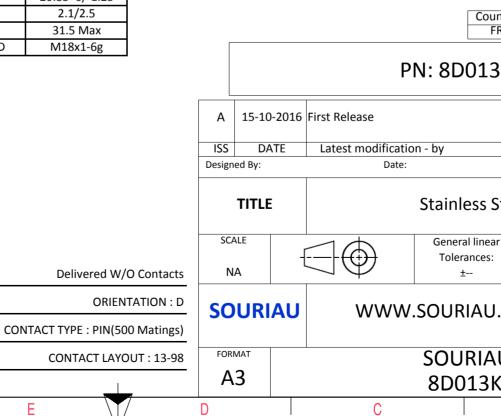
D

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| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| Dim                 | Nominal       |  |  |
| Р                   | 3.25±0.2      |  |  |
| PP                  | 4.93±0.2      |  |  |
| R1                  | 23.01         |  |  |
| R2                  | 20.62         |  |  |
| S                   | 28.6±0.3      |  |  |
| V                   | 20.83+0/-1.25 |  |  |
| W                   | 2.1/2.5       |  |  |
| Z                   | 31.5 Max      |  |  |
| VV THREAD           | M18x1-6g      |  |  |
| =                   |               |  |  |

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SOURIAU shall not be liable for due to a use of the Products the Specifications issued by either (professional recomment



|  | ω  |                             | A                                  |        |   |
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| AS EXAI  | MPLE   |                             |                                    |        | 3 |
| which<br>er of th<br>adatior<br>untry<br>R   | on-conformit<br>n does not con<br>ne Parties or b<br>n, technical no<br>Jurisd | mply with<br>by a third par | ty                                 |        | 2 |
|  |  |                             |                                    |        | - |
|  |  | CUSTOME                     |                                    | MOD N° |   |
| CUSTOMER DRAWING<br>Steel Receptacle 8D series   |  |                             |                                    |        |   |
| ar   |  |                             | <sup>/</sup> PROJECT<br>5 <b>9</b> |        | 4 |
| .COM<br>This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |  |                             |                                    |        | 1 |
|  | DRG N°<br>PDL-C  |                             |                                    | SHEET  |   |
| 1.70   | B  |                             | A                                  | ,      | J |
|  |  |                             |                                    |        |   |

|          |  | ۵   | <del>ار</del> ( | m |   | 0  |   |
|----------|--|---|-----------------|---|---|--|---|
|          |  | Contact Layout  |                 |   |   |  | Panel Cutout  |
| 4        | د.   | $ \begin{pmatrix} \bullet & \bullet \\ \bullet$ |                 |   |   | SQUARE FLANGE RECEPTACLE (1<br>REAR MOUNTING<br>R1 |   |
|          | Contro<br>position<br>A<br>B<br>C<br>C<br>D<br>C<br>C<br>D<br>F<br>F<br>G<br>G<br>H<br>J<br>J<br>K | n D  (mm)  (mm)    +.000 (0.00)  +.195 (4.95)    +.125 (3.18)  +.150 (3.81)    +.123 (4.90)  +.030 (0.76)   104 (4.17) 105 (2.67)    +.193 (4.90)  +.015 (3.43)   164 (4.17) 105 (2.67)   193 (4.90)  +.030 (0.76)   125 (3.18)  +.150 (3.81)    +.026 (1.85) 015 (0.38)  |                 |   | *<br>25 -                               |  |   |
| ى<br>نى  | Shell Arrangement N<br>size no. cc   | -J065 (1.65) -J015 (0.38)<br>umber Size Service Contact Supersedes<br>of contacts rating location<br>10 20 I All MS20051-98   |                 |   |   |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |
|          |  |   |                 |   |   |  |   |
|          |  |   |                 |   |   | due to a use of the Specifications                 | ot be liable for any<br>of the Products whi<br>issued by either of<br>onal recommendati |
| N        |  |   |                 |   |   |  | Country<br>FR   |
|          |  |   |                 |   |   | PI   | N: 8D013K   |
|          |  |   |                 |   | A 15-10-202<br>ISS DATE<br>Designed By: | L6 First Release<br>Latest modificatio<br>Date:    | n - by  |
|          |  |   |                 |   | TITLE                                   |  | Stainless Ste   |
| <u> </u> |  |   |                 |   | SCALE<br>NA                             |  | General linear<br>Tolerances:<br>±  |
|          |  |   |                 |   | SOURIAU                                 | J www.   | SOURIAU.CO  |
|          |  |   |                 |   | FORMAT<br>A3                            |  | SOURIAU<br>8D013K9  |
|          | Н  | G   | F               | E | D                                       | С  |   |

