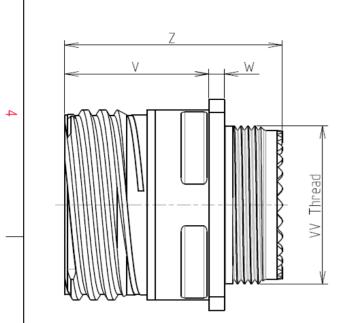
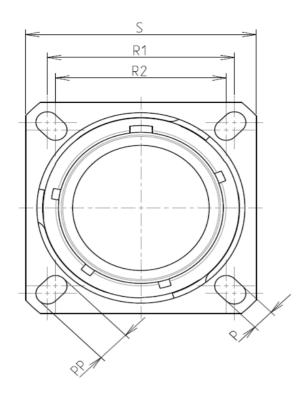
| Ŧ | D G | нт — — — — — — — — — — — — — — — — — — — | m | D | 0 |
|---|-----|--|---|---|---|
|   |     |  |   |   |   |







Keying Shown as example

## CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE: 17

PLATING : S = 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       : 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 Souriur contacts       -Temperature Range         • Temperature Range       : •65°C to +200°C |   |                                     |  |  |  |  |
|---|---|-------------------------------------|--|--|--|--|
| <ul> <li>-Insulator : Thermoplastic</li> <li>-Contacts : Copper Alloy</li> <li>-Seals &amp; Grommet : Silicon Elastomer</li> <li>-Contact Plating : Gold over copper Alloy 0.8µm minimum</li> <li>-Durability : 500 Mating cycles</li> <li>-Delivered without Souriau contacts</li> </ul>   |   | -Shell Material                     | : Stainless Steel                      |  |  |  |
| <ul> <li>-Contacts : Copper Alloy</li> <li>-Seals &amp; Grommet : Silicon Elastomer</li> <li>-Contact Plating : Gold over copper Alloy 0.8µm minimum</li> <li>-Durability : 500 Mating cycles</li> <li>-Delivered without Souriau contacts</li> </ul>   |   | -Shell Plating                      | : Nickel                               |  |  |  |
| <ul> <li>Seals &amp; Grommet : Silicon Elastomer</li> <li>Contact Plating : Gold over copper Alloy 0.8µm minimum</li> <li>Durability : 500 Mating cycles</li> <li>Delivered without Souriau contacts</li> </ul>   |   | -Insulator                          | : Thermoplastic                        |  |  |  |
| <ul> <li>No</li> <li>-Contact Plating : Gold over copper Alloy 0.8µm minimum</li> <li>-Durability : 500 Mating cycles</li> <li>-Delivered without Souriau contacts</li> </ul>   |   | -Contacts                           | : Copper Alloy                         |  |  |  |
| -Durability : 500 Mating cycles<br>-Delivered without Souriau contacts  |   | -Seals & Grommet                    | : Silicon Elastomer                    |  |  |  |
| -Delivered without Souriau contacts   | N | -Contact Plating                    | : Gold over copper Alloy 0.8µm minimum |  |  |  |
|   |   | -Durability                         | : 500 Mating cycles                    |  |  |  |
| -Temperature Range : -65°C to +200°C  |   | -Delivered without Souriau contacts |  |  |  |  |
|   |   | -Temperature Range                  | -65°C to +200°C                        |  |  |  |

8D 0

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17

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: 500 hours

| Dim       | Nominal       |
|-----------|---------------|
| P         | 3.25±0.2      |
| ۲         |               |
| PP        | 4.93±0.2      |
| R1        | 26.97         |
| R2        | 24.61         |
| S         | 33.3±0.3      |
| V         | 20.83+0/-1.25 |
| W         | 2.1/2.5       |
| Z         | 31.5 Max      |
| VV THREAD | M25x1-6g      |

| m  | •   | 0                  |                                    | σ         | A   |                      |
|--|---|--------------------|------------------------------------|-----------|---|----------------------|
|  |   |                    |                                    |           |   | 4                    |
|  |   | LA                 | YOUT SHOWN AS EXAN                 | /IPLE     |   | 3                    |
| Ample Connector dimension Dim Nominal P 3.25±0.2   |   |                    |                                    |           |   |                      |
| PP         4.93±0.2           R1         26.97           R2         24.61           S         33.3±0.3           V         20.83+0/-1.25           W         2.1/2.5 | SOURIAU shall not be liable for any non-conformity or damage<br>due to a use of the Products which does not comply with<br>the Specifications issued by either of the Parties or by a third party<br>(professional recommendation, technical notice.) |                    |                                    |           |   |                      |
| Z 31.5 Max<br>HREAD M25x1-6g   | PN: 8D017S20SNL   |                    |                                    |           |   |                      |
|  | B 11-04-17  | Drawing Update     |                                    |           |   |                      |
|  | ISS DATE<br>Designed By:  | Latest modificatio | on - by                            |           | CUSTOMER DRAWING  | MOD N°               |
|  | TITLE   |                    | Stainless Steel                    | Receptacl | e 8D series   |                      |
| Delivered W/O Contacts   | SCALE -   |                    | General linear<br>Tolerances:<br>± |           | NPRDS / PROJECT<br><b>859</b>                                 |                      |
| ORIENTATION : N  | SOURIAU   | www                | .SOURIAU.COI                       | M         | This document is the pro<br>SOURIAU<br>it must not be reprodu | operty of<br>uced or |
| CONTACT TYPE : SOCKET(500 Matings)<br>CONTACT LAYOUT : 17-20   | FORMAT<br>A3  |                    | SOURIAU D<br>8D017S203             |           | communicated without p  | SHEET<br>1/2         |
| E  | D   | С                  |                                    | B         | A   | , ,                  |

| D  | 0                                    |                                    | Ξ    | Þ                             |              |   |  |  |  |
|--|--------------------------------------|------------------------------------|------|-------------------------------|--------------|---|--|--|--|
|  |                                      |                                    |      |                               |              |   |  |  |  |
| LAYOUT SHOWN AS EXAMPLE  |                                      |                                    |      |                               |              |   |  |  |  |
| SOURIAU shall not be liable for any non-conformity or damage         due to a use of the Products which does not comply with         the Specifications issued by either of the Parties or by a third party         (professional recommendation, technical notice.)         Country       Jurisdiction & Control List         FR       Not Listed |                                      |                                    |      |                               |              |   |  |  |  |
|  | P                                    | N: 8D017S2                         | OSNL |                               |              |   |  |  |  |
| B 11-04-17 ISS DATE Designed By:   | Drawing Update<br>Latest modificatio | on - by                            |      |                               | MOD N°       |   |  |  |  |
| Designed By:     Date:     CUSTOMER DRAWING       TITLE     Stainless Steel Receptacle 8D series   |                                      |                                    |      |                               |              |   |  |  |  |
| SCALE<br>NA  | $\bigcirc \bigcirc$                  | General linear<br>Tolerances:<br>± |      | NPRDS / PROJECT<br><b>859</b> |              | 1 |  |  |  |
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| FORMAT<br>A3   |                                      | SOURIAU I<br>8D017S20              |      |                               | SHEET<br>1/2 |   |  |  |  |
| D  | С                                    |                                    | В    | A                             | 1            | I |  |  |  |

| г        | т  | ۵  | п | п |                          | 0   |
|----------|--|--|---|---|--------------------------|---|
| 4        | (  | Contact Layout   |   |   | <u>ح</u><br>۲            | Panel Cuto  |
|          |  | 4#12<br>16#22D<br>17-20  |   |   | V                        |   |
| ω        | Ctc<br>A<br>B<br>C<br>D<br>1<br>2<br>3<br>4<br>5 | X         Y           0         5.51           3.17         0           0         -5.51           -3.17         0           4.16         7.06           4.29         4.29           7.11         4.03           8.05         1.4           8.05         -1.4 |   |   |                          | Max. thickness panel for receptacle: Type 0: front m  |
| 2        | - 6<br>7<br>8<br>9<br>10<br>11<br>12<br>13       | 8.05       -1.4         7.11       -4.03         4.29       -4.29         4.16       -7.06         -4.16       -7.06         -4.29       -4.29         -7.11       -4.03         -8.05       -1.4         -8.05       1.4                                    |   |   |                          | SOURIAU shall not be liable for a<br>due to a use of the Products v<br>the Specifications issued by either<br>(professional recommend<br>Coun<br>FR |
|          | 14<br>15<br>16                                   | -7.11     4.03       -4.29     4.29       -4.16     7.06   |   |   | ISS DATE<br>Designed By: | PN: 8D017 Drawing Update Latest modification - by Date:   |
| <u> </u> |  |  |   |   | SCALE<br>NA<br>SOURIAU   | Stainless St<br>General linear<br>Tolerances:<br>±<br>WWW.SOURIAU.  |
|          | Н  | G  | F | E | FORMAT<br>A3<br>D        | SOURIAU<br>8D017S<br>C  |

