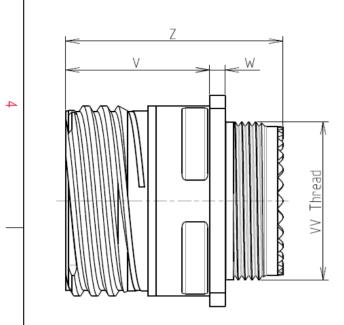
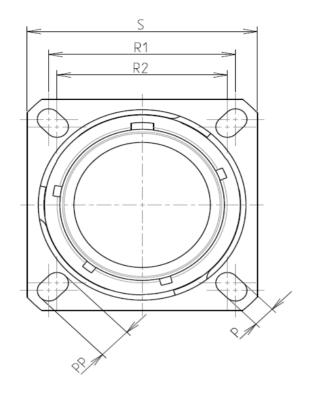
| <b>—</b> | G | нт – – – – – – – – – – – – – – – – – – – | m | 0 |
|----------|---|--|---|---|







Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 21

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : W = Olive drab Cadmium

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

| ł         | -Shell Material                     | : Aluminium                            |  |  |  |  |  |  |
|-----------|-------------------------------------|--|--|--|--|--|--|--|
|           | -Shell Plating                      | : Olive drab Cadmium                   |  |  |  |  |  |  |
|           | -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 +175°C                      |  |  |  |  |  |  |
|           | -Salt Spray                         | : 500 hours                            |  |  |  |  |  |  |
|           |                                     |  |  |  |  |  |  |  |

: 30.28 g ± 10%

8D 0

G

21

-

W

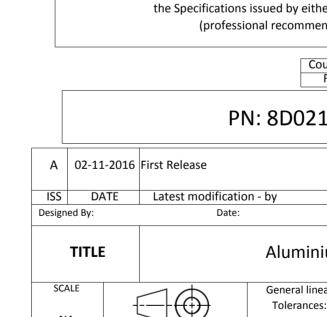
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| Connector dimension |               |  |  |  |  |
|---------------------|---------------|--|--|--|--|
| Dim                 | Nominal       |  |  |  |  |
| Р                   | 3.25±0.2      |  |  |  |  |
| PP                  | 4.93±0.2      |  |  |  |  |
| 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      |  |  |  |  |





| 1  |               |   |                        |                                 |  |  |              |                           |                         |  |   |
|--|---------------|---|------------------------|---------------------------------|--|--|--------------|---------------------------|-------------------------|--|---|
| m  | m (           |   |                        |                                 |  | A  |              | _                         |                         |  |   |
|  |               |   |                        |                                 | LAY  | YOUT SHOWN   | A S EXAMPLE  |                           |                         |  | 4 |
| Nominal   3.25±0.2   4.93±0.2   31.75   29.36   39.7±0.3   20.07+0/-1.25   2.1/3.2 |               | 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.) |                        |                                 |  |  |              |                           |                         |  |   |
| 31.5 Max<br>AD M31x1-6g  | FR Not Listed |   |                        |                                 |  |  |              |                           | 2                       |  |   |
|  |               | A 02-11-2016<br>ISS DATE<br>Designed By:  |                        |                                 | First Release<br>Latest modification - by<br>Date: |  |              | MOD N<br>CUSTOMER DRAWING |                         |  | - |
| Delivered W/O Contacts   |               |   | ALE IA                 |                                 | $] \bigoplus$                                      | General lir<br>Tolerance<br>±  |              | NPRDS                     | / PROJECT<br><b>859</b> |  | 1 |
| ORIENTATION : N<br>CONTACT TYPE : PIN(500 Matings)                                 |               | SO  | OURIAU WWW.SOURIAU.COM |                                 | it m   | This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |              |                           |                         |  |   |
| CONTACT TYPE : PIN(500 Matings)  |               |   | мат<br>3               | SOURIAU DRG N°<br>8D021W75PNL-C |  |  | SHEET<br>1/2 |                           |                         |  |   |
| E  |               | D   |                        |                                 | С  |  | В            |                           | А                       |  |   |

