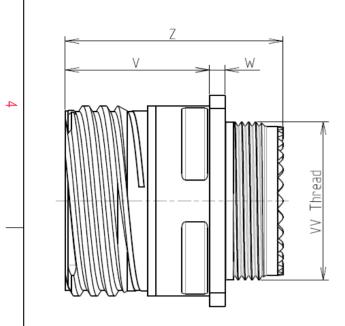
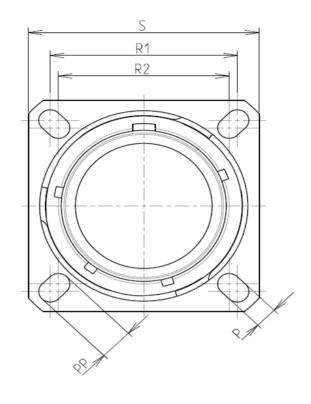
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|---|--------|-----|--|---|
|   |        |     |  |   |







LAYOUT SHOWN AS

Keying Shown as example

Connector dimension

Nominal

Dim

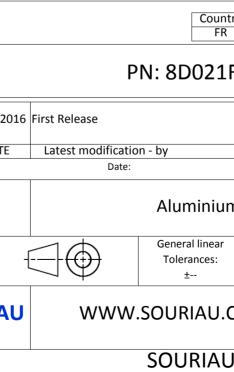
## CHARACTERISTICS

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

| $\sim$    | Standard . Dasca on h  | IL DIE 50555 Sches III   |               |    |    |   |   |           |                     | 4           |        |          |     |
|-----------|------------------------|--------------------------|---------------|----|----|---|---|-----------|---------------------|-------------|--------|----------|-----|
| $\square$ | <br>-Shell Material    | : Aluminium              |               |    |    |   |   | Р         | 3.25±0.2            |             |        |          |     |
|           |                        | : Nickel                 |               |    |    |   |   | PP        | 4.93±0.2            | -           |        |          |     |
|           | -Shell Plating         |                          |               |    |    |   |   | R1        | 31.75               | 4           |        |          |     |
|           | -Insulator             | : Thermoplastic          |               |    |    |   |   | R2<br>S   | 29.36<br>39.7±0.3   | -           |        |          |     |
|           | -Contacts              | : Copper Alloy           |               |    |    |   |   | V S       | 20.07+0/-1.25       | -           |        |          |     |
|           | -Seals & Grommet       | : Silicon Elastomer      |               |    |    |   |   | Ŵ         | 2.1/3.2             | -           |        |          |     |
| $\sim$    | -Contact Plating       | : Gold over copper Alloy | γ 0.8µm minim | um |    |   |   | Z         | 31.5 Max            | 1           |        |          |     |
|           | -Durability            | : 500 Mating cycles      | ·             |    |    |   |   | VV THREAD | M31x1-6g            | ]           | Γ      |          |     |
|           | -Delivered without Sou |                          |               |    |    |   |   |           |                     |             |        |          |     |
|           | -Delivered without Sot |                          |               |    |    |   |   |           |                     |             |        |          |     |
|           | -Temperature Range     | : -65°C to +200°C        |               |    |    |   |   |           |                     |             |        | 02.11    | 201 |
|           | -Salt Spray            | : 48 hours               |               |    |    |   |   |           |                     |             | A      | 02-11-   | 201 |
|           | -Mass                  | : 49.59 g ± 10%          |               |    |    |   |   |           |                     |             | ISS    | DAT      | ΓE  |
|           |                        | -                        |               |    |    |   |   |           |                     |             | Design | ed By:   |     |
|           |                        |                          |               |    |    |   |   |           |                     |             |        |          |     |
|           |                        |                          |               |    |    |   |   |           |                     |             |        | TITLE    |     |
|           |                        |                          |               |    |    |   |   |           |                     |             |        |          |     |
|           | BASIC SERIES:          | 8D 0                     | - 21          | F  | 16 | s | E | L         |                     |             | SC/    | ALE      |     |
|           |                        |                          |               |    |    |   |   |           | Delivered W/        | 10 Contrato |        | A        |     |
| -         | SHELL TYPE : Square I  | lange Receptacie         | _ <b>_</b>    |    |    |   |   |           | Delivered w/        |             |        | <u> </u> |     |
|           | CONTACT TYPE : Sta     | ndard Crimp Contact      |               |    |    |   |   |           | ORIEN               | NTATION : E | so     |          | Λ١  |
|           | SHELL SIZE : 21        |                          |               |    |    |   |   | CONTA     | CT TYPE : SOCKET(50 | 00 Matings) |        | 01117    | ~   |
|           |                        |                          |               | 1  |    |   |   |           | •                   |             | FOR    | MAT      |     |
|           | PLATING : F =          | Nickel                   |               |    |    |   |   |           | CONTACT LAY         | OUT : 21-16 |        |          |     |
|           |                        |                          |               |    |    |   |   |           |                     | _           | A      | 3        |     |
|           | Н                      | G                        |               |    |    | F |   |           | E                   | 1           | D      |          |     |
|           |                        |                          |               |    |    |   |   |           | $\vee$              | /           |        |          |     |

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



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|--|----------|------------|-----|------|--|--|--|
|  |          |            |     | 4    |  |  |  |
| OUT SHOWN AS EXA   | AMPLE    |            |     | 3    |  |  |  |
| ot be liable for any non-conformity or damage<br>of the Products which does not comply with<br>issued by either of the Parties or by a third party<br>nal recommendation, technical notice.)<br>Country   Jurisdiction & Control List     FR   Not Listed     N: 8D021F16SEL |          |            |     |      |  |  |  |
| 1 - by   | 1        |            | MOD | ) N° |  |  |  |
| Aluminium  | Receptac | CUSTOMER D |     |      |  |  |  |
| General linear NPRDS / PROJECT<br>Tolerances: <b>859</b>   |          |            |     |      |  |  |  |
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| SOURIAU I<br>8D021F16  |          |            | SHE |      |  |  |  |
|  | B        |            | A   | ]    |  |  |  |
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|---|---|--|----|---|------------------------|----------------------------|--|---|
|   |   | Contact Layout   |    |   |                        |                            |  | Panel Cutou                                     |
| 4 |   |  |    |   |                        | SQUA                       | RE FLANGE RECEPTACLE (T<br>REAR MOUNTING<br>R1 |   |
|   | Contact<br>position ID   Loca     A   +.118 (3.00)     B   +.271 (6.88)     C   +.341 (8.66)                          | Y-axis   position<br>ID   X-axis   Y-axis     +.322 (8.18)   J  341 (8.66)   +.036 (0.91)     +.211 (5.36)   K  271 (6.88)   +.211 (5.36)  |    |   |                        |                            |  |   |
| ယ | D +308 (7.82)<br>E +182 (4.62)<br>F +000 (0.00)<br>G -182 (4.62)<br>H -308 (7.82)<br>Shell Arrangement<br>size no. co | 150 (3.81)   M   +.000 (0.00)   +.175 (4.45)    290 (7.37)   N   +.154 (3.91)   +.062 (1.57)    343 (8.71)   P   +.094 (2.39)  122 (3.10)    290 (7.37)   R  094 (2.39)  122 (3.10)    150 (3.81)   S  154 (3.91)   +.062 (1.57) |    |   |                        |                            |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT                    |
|   | +   |  |    |   |                        |                            | due to a use of the Specifications             |   |
| N |   |  |    |   |                        |                            |  | Country<br>FR<br>N: 8D021F                      |
|   |   |  |    |   | A 0<br>ISS<br>Designed | 2-11-2016 F<br>DATE<br>By: |  |   |
|   |   |  |    |   | TI<br>SCALE<br>NA      |                            | $\exists \bigoplus$                            | Aluminium<br>General linear<br>Tolerances:<br>± |
|   |   |  |    |   | SOU                    | IRIAU                      | www.   | SOURIAU.C                                       |
|   | Н   | G  | F  | E | A3                     |                            | С  | 8D021F1   |
|   |   |  | •  | _ | V                      | •                          | ~  | -   |

