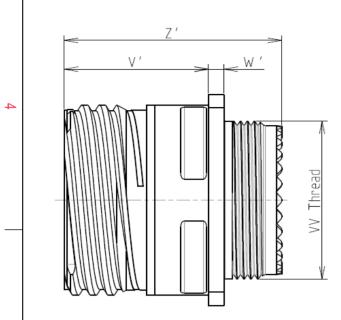
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|---|---|------------|---|-----|
|   |   |            |   |     |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 15

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : J = Olive drab Cadmium

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

| -Shell Material                                  | : Composite                                  |  |  |  |
|--|--|--|--|--|
| -Shell Plating                                   | : Olive drab Cadmium                         |  |  |  |
| -Insulator                                       | : Thermoplastic                              |  |  |  |
| -Contacts  | : Copper Alloy                               |  |  |  |
| -Seals & Grommet                                 | : Silicon Elastomer                          |  |  |  |
| -Contact Plating                                 | : Gold over copper Alloy $0.8 \mu m$ minimum |  |  |  |
| -Durability                                      | : 500 Mating cycles                          |  |  |  |
| -Delivered with Souriau contacts and Accessories |  |  |  |  |
| -Temperature Range                               | 65℃ to +175℃                                 |  |  |  |
| -Salt Spray                                      | : 2000 hours                                 |  |  |  |

: 17.1 g ± 10%

8D 0

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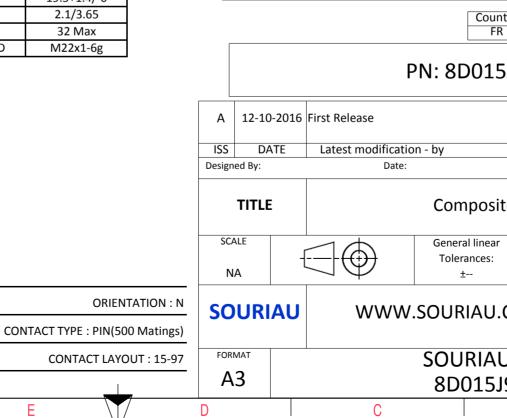
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| Connector dimension |             |  |  |
|---------------------|-------------|--|--|
| Dim                 | Nominal     |  |  |
| Р                   | 3.25±0.2    |  |  |
| РР                  | 4.39±0.2    |  |  |
| R1                  | 24.61       |  |  |
| R2                  | 23.01       |  |  |
| S                   | 31±0.3      |  |  |
| V'                  | 19.5+1.4/-0 |  |  |
| W'                  | 2.1/3.65    |  |  |
| Ζ'                  | 32 Max      |  |  |
| VV THREAD           | M22x1-6g    |  |  |

Е

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



| Φ   | 1                              | Þ      |       |  |  |
|---|--------------------------------|--------|-------|--|--|
|   |                                |        | 4     |  |  |
| S EXAMPLE   |                                |        | 3     |  |  |
| any non-conformits which does not co<br>er of the Parties or I<br>idation, technical n<br>Intry Jurisc    | omply with<br>by a third party | I List | 2     |  |  |
|   |                                |        | DD N° |  |  |
|   | CUSTOMER [                     |        |       |  |  |
|   | e Receptacle 8D series         |        |       |  |  |
| ar  | NPRDS / PI<br><b>85</b> 9      |        | 1     |  |  |
| COM This document is the property of SOURIAU it must not be reproduced or communicated without permission |                                |        |       |  |  |
| U DRG N°  |                                |        | HEET  |  |  |
| 5J97AN-C<br>B   |                                | A      | 1/2   |  |  |
|   | I                              | 6 N    |       |  |  |

|          | <b>工</b>  | ۵   | н <b>г</b> | m |                          | 0   |
|----------|---|---|------------|---|--------------------------|---|
|          |   | Contact Layout  |            |   |                          | Panel Cutout  |
| 4        |   | $\begin{array}{c} & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & &$ |            |   | Λ                        | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | B         +.178 (4.52)           C         +.230 (5.84)           D         +.178 (4.52)           E         +.065 (1.65)           F        089 (2.26) | Y-axis<br>(mm)         position<br>ID         X-axis<br>(mm)         Y-axis<br>(mm)           +.234 (5.94)         G        207 (5.26)        095 (2.41)           +.178 (4.52)         H        234 (5.94)         +.005 (1.65)          023 (0.58)         J        178 (4.52)         +.178 (4.52)          178 (4.52)         K        065 (1.65)         +.234 (5.94)          234 (5.94)         L        047 (1.19)         +.081 (2.06)          236 (5.97)         M         +.047 (1.19)        081 (2.06)  |            |   | بر<br>م                  |   |
|          |   | imber of<br>contacts         Size<br>rating         Contact<br>location         Supersedes           4         16         C, G, L, M         MS20052-97           8         20         I         All others   | _          |   |                          | Dim<br>ØA   |
| ယ        |   |   |            |   |                          | ØAA<br>R1<br>ØT   |
|          | _   |   |            |   |                          |   |
|          | 3   |   |            |   |                          | SOURIAU shall not be liable for any<br>due to a use of the Products whi<br>the Specifications issued by either of<br>(professional recommendati |
| N        |   |   |            |   |                          | Country<br>FR   |
|          |   |   |            |   | A 12-10-20               | PN: 8D015J  |
|          |   |   |            |   | ISS DATE<br>Designed By: | Latest modification - by<br>Date:   |
|          |   |   |            |   | TITLE                    | Composite   |
| <b>_</b> |   |   |            |   | SCALE<br>NA              | General linear<br>Tolerances:<br>±  |
|          |   |   |            |   | SOURIA                   | U WWW.SOURIAU.C   |
|          |   |   |            | _ | FORMAT<br>A3             | SOURIAU<br>8D015J9  |
|          | Н   | G   | F          | E | D                        | C   |

