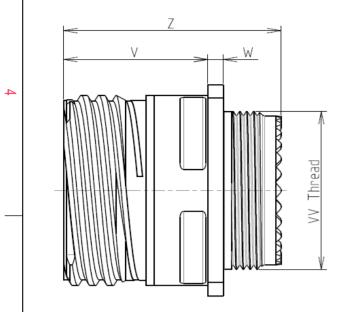
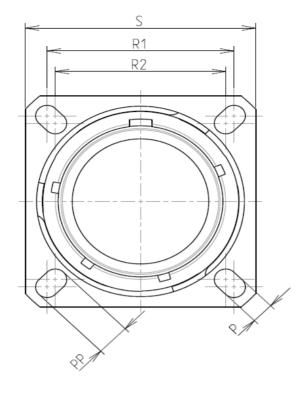
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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE : 25

SHELL TYPE : Square Flange Receptacle

PLATING : X = Without Plating

Н

CONTACT TYPE : Standard Crimp Contact

-Mass

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

| -Shell Material         | : Composite                                  |
|-------------------------|--|
| -Shell Plating          | : Without Plating                            |
| -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℃                                 |

: 2000 hours

: 78.6 g ± 10%

8D 0

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25

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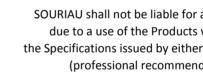
S

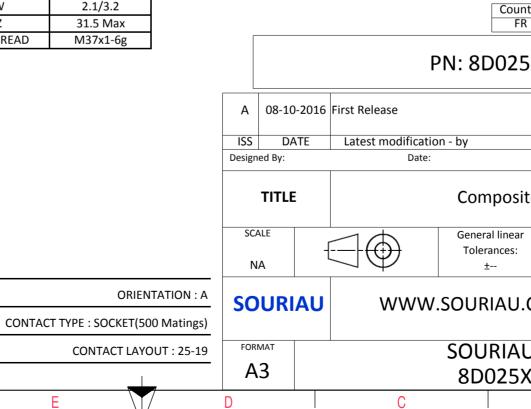
F

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| Connector dimension |               |  |  |  |
|---------------------|---------------|--|--|--|
| Dim                 | Nominal       |  |  |  |
| Р                   | 3.91±0.2      |  |  |  |
| РР                  | 6.15±0.2      |  |  |  |
| R1                  | 38.1          |  |  |  |
| R2                  | 34.93         |  |  |  |
| S                   | 46±0.3        |  |  |  |
| V                   | 20.07+0/-1.25 |  |  |  |
| W                   | 2.1/3.2       |  |  |  |
| Z                   | 31.5 Max      |  |  |  |
| VV THREAD           | M37x1-6g      |  |  |  |

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|---|---|-----------------------------------|----------------------------|-----|----|------|---|
|   |   |                                   |                            |     |    |      | 4 |
| AS EXA  | AMPLE   |                                   |                            |     |    |      | 3 |
| s which<br>er of t<br>indation<br>untry<br>FR   | non-conformit<br>ch does not co<br>he Parties or b<br>on, technical n<br>Jurisd | mply wit<br>by a thiro<br>otice.) | th<br>J party<br>Control I | ist |    |      | 2 |
|   |   |                                   |                            |     | MC | D N° |   |
| site  | customer drawing  |                                   |                            |     |    |      |   |
| ar  | NPRDS / PROJECT   |                                   |                            |     |    |      |   |
|   |   |                                   | 859                        |     |    |      | 1 |
| J.COM<br>This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |   |                                   |                            |     |    |      |   |
| UDRG N° SHEET   |   |                                   |                            |     |    |      |   |
| X1  | 9SA-C   |                                   |                            |     | 1  | ./2  |   |
|   | В   |                                   |                            | А   |    |      |   |
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|----------|---|--|-------|---|--------------|---|------------------------------------|
|          |   | Contact Layout   |       |   |              |   | Panel Cutou                        |
| 4        |   |  |       |   |              | SQUARE FLANGE RECEPTACLE (TYPE<br>REAR MOUNTING                                       | 0)                                 |
|          | Contact<br>position ID  X-axis<br>(mm)    A  +.000 (0.00)  +.    B  +.236 (5.99)  +.    C  +.354 (8.99)  +.    D  +.472 (11.99)  +.    E  +.354 (8.99)     F  +.226 (5.99)     G  +.000 (0.00)     F  +.236 (5.99)     G  +.000 (0.00)     H 236 (5.99)     J 354 (8.99)     K 472 (11.99)  +.    K 472 (11.99)  +.    Shell  Arrangement  Nu    Size  no.  co. | Y-axis<br>(mm)  Contact<br>(mm)  X-axis<br>(mm)  Y-axis<br>(mm)    409 (10.39)  L 354 (8.99)  +.205 (5.21)    409 (10.39)  M 226 (5.99)  +.409 (10.39)    205 (5.21)  N 118 (3.00)  +.205 (5.21)    000 (0.00)  P  +.118 (3.00)  +.205 (5.21)    205 (5.21)  R  +.236 (5.99)  +.000 (0.00)    409 (10.39)  S  +.118 (3.00) 205 (5.21)    409 (10.39)  T 118 (3.00) 205 (5.21)    409 (10.39)  U 230 (5.99)  +.000 (0.00)    205 (5.21)  V  +.000 (0.00)  +.000 (0.00)    205 (5.21)  V  +.000 (0.00)  +.000 (0.00)    000 (0.00) | -<br> |   |              |   |                                    |
| cω       | 23 - 19   | 19   12   1   All   MS2003/-13   | -     |   |              | ¢<br>Ø  | bim<br>ØA<br>AA<br>R1<br>ØT        |
|          | L   |  |       |   |              |   |                                    |
|          |   |  |       |   |              | SOURIAU shall not b<br>due to a use of th<br>the Specifications issu<br>(professional | e Products wh                      |
| N        |   |  |       |   |              |   | Country<br>FR                      |
|          |   |  |       |   |              | PN:   | 8D025                              |
|          |   |  |       |   |              | 0-2016 First Release  | v                                  |
|          |   |  |       |   | Designed By: | Date:   | ,                                  |
|          |   |  |       |   | TITL         |   | Composite                          |
| <b>_</b> |   |  |       |   | SCALE<br>NA  |   | General linear<br>Tolerances:<br>± |
|          |   | - 1  |       |   | SOUR         | IAU WWW.SO  | URIAU.C                            |
|          |   |  |       |   | FORMAT<br>A3 |   | OURIAU<br>8D025X1                  |
| L        | Н   | G  | F     | E | D            | С   |                                    |

