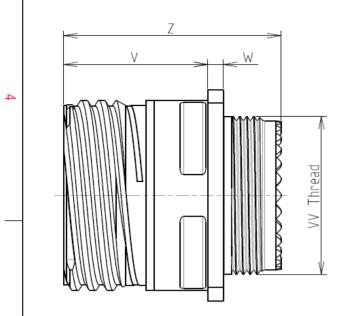
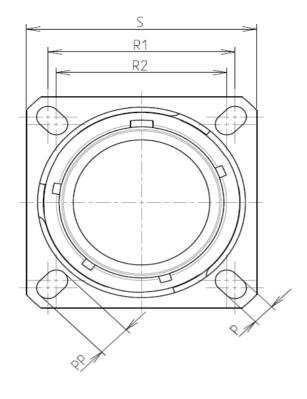
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|---|---|---|---|-----|
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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE : 17

SHELL TYPE : Square Flange Receptacle

PLATING : X = Without Plating

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CONTACT TYPE : Standard Crimp Contact

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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 0.8µm minimum |
| -Durability            | : 500 Mating cycles                    |
| -Delivered with Souria | u contacts and Accessories             |
| -Temperature Range     | - 65℃ to +175℃                         |

: 2000 hours

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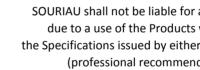
| Connector dimension |               |  |  |  |
|---------------------|---------------|--|--|--|
| Dim                 | Nominal       |  |  |  |
| P                   | 3.25±0.2      |  |  |  |
| PP                  | 4.93±0.2      |  |  |  |
| R1                  | 26.97         |  |  |  |
| R2                  | 20.97         |  |  |  |
| 5<br>5              | 33.3±0.3      |  |  |  |
| 3<br>V              |               |  |  |  |
| v                   | 20.83+0/-1.25 |  |  |  |
| W                   | 2.1/2.5       |  |  |  |
| Z                   | 31.5 Max      |  |  |  |
| VV THREAD           | M25x1-6g      |  |  |  |

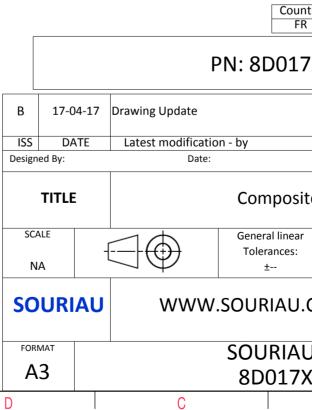
ORIENTATION : C

CONTACT LAYOUT : 17-20

CONTACT TYPE : SOCKET(500 Matings)

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|---|---|------|--|------|--------|---|--|
|   |   |      |  |      |        |   |  |
|   |   |      |  |      |        | 4 |  |
| AS EXA  | AMPLE                                     |      |  |      |        | 3 |  |
|   |   |      |  |      |        |   |  |
| any non-conformity or damage<br>which does not comply with<br>of the Parties or by a third party<br>adation, technical notice.) |   |      |  |      |        |   |  |
| untry<br>FR   | Jurisdiction & Control List<br>Not Listed |      |  |      |        | 2 |  |
| .7X   | 7X20SC                                    |      |  |      |        |   |  |
|   |   |      |  |      | MOD N° |   |  |
|   |   | CUST | OMER DRA   | WING |        |   |  |
| site  | ite Receptacle 8D series                  |      |  |      |        |   |  |
| ar<br>:   | NPRDS / PROJECT<br><b>859</b>             |      |  |      | 1      |   |  |
| J.CC  |   |      | This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |      |        |   |  |
|   | DRG N°                                    |      |  |      | SHEET  |   |  |
| χ2  | OSC-C<br>B                                |      |  | A    | 1/2    | J |  |
|   |   |      |  |      |        |   |  |

| r |     | ۵  | <u>п</u> | m | D            | 0  |                                 |
|---|-----|--|----------|---|--------------|--|---------------------------------|
| 4 | (   | Contact Layout<br>20*<br>4# 12<br>16#22D |          |   |              | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING | Panel Cuto                      |
|   |     | 17-20                                    | 1        |   |              |  | ØT_                             |
|   | Ctc | X Y                                      |          |   |              | <u>ØA</u>  | Turna (): frant m               |
|   | Α   | 0 5.51                                   |          |   |              | Max. thickness panel for receptacle: T             | rype u: front m                 |
|   | В   | 3.17 0                                   | -        |   |              |  |                                 |
|   | С   | 0 -5.51                                  | -        |   |              | Dim  |                                 |
| ယ | D   | -3.17 0                                  | -        |   |              | ØA<br>ØA/  |                                 |
|   | 1   | 4.16 7.06                                | -        |   |              | R1   |                                 |
|   | 2   | 4.29 4.29<br>7.11 4.03                   | -        |   |              | ØT   |                                 |
|   | 4   | 8.05 1.4                                 | -        |   |              |  |                                 |
|   | 5   | 8.05 -1.4                                | -        |   |              |  |                                 |
|   | 6   | 7.11 -4.03                               | -        |   |              |  |                                 |
|   | 7   | 4.29 -4.29                               | 1        |   |              | SOURIAU shall not be                               | liable for a                    |
|   | 8   | 4.16 -7.06                               | 1        |   |              | due to a use of the                                | Products v                      |
|   | 9   | -4.16 -7.06                              |          |   |              | the Specifications issued                          |                                 |
|   | 10  | -4.29 -4.29                              |          |   |              | (professional re                                   | ecommend                        |
|   | 11  | -7.11 -4.03                              |          |   |              |  | Coun                            |
| N | 12  | -8.05 -1.4                               | -        |   |              |  | Coun<br>FR                      |
|   | 13  | -8.05 1.4                                | -        |   |              |  | 0001-                           |
|   | 14  | -7.11 4.03                               | -        |   |              | PN: a  | 8D017                           |
|   | 15  | -4.29 4.29                               | -        |   |              |  |                                 |
|   | 16  | -4.16 7.06                               |          |   | B 17-0       | 4-17 Drawing Update                                |                                 |
|   |     |  |          |   |              | ATE Latest modification - by                       |                                 |
|   |     |  |          |   | Designed By: | Date:  |                                 |
|   |     |  |          |   | TITLE        | Co   | omposi                          |
| - |     |  |          |   | SCALE<br>NA  |  | neral linear<br>olerances:<br>± |
|   |     |  |          |   | SOURI        | AU WWW.SOL   | JRIAU.                          |
|   |     |  |          |   | FORMAT<br>A3 |  | URIA<br>D017                    |
| l | Н   | G  | F        | E | ) D          | C  |                                 |
|   | 11  | , V                                      | 1 1      |   |              |  | I                               |

