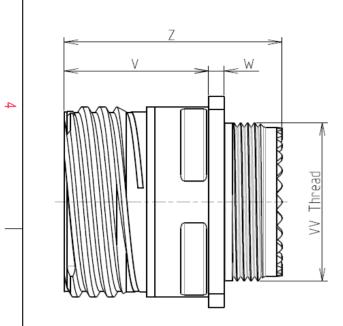
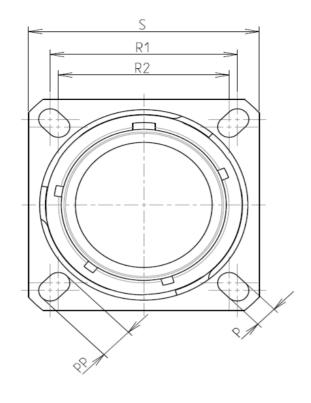
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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 13

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : W = Olive drab Cadmium

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

| -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 with Souriau contacts and Accessories |  |  |  |  |  |
| -Temperature Range                               | : -65°C to +175°C                      |  |  |  |  |
| -Salt Spray                                      | : 500 hours                            |  |  |  |  |

: 16.09 g ± 10%

8D 0

G

13

W

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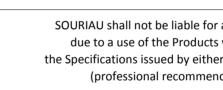
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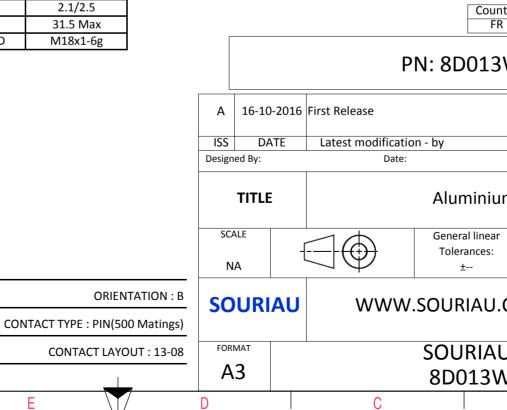
F

В

| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| Dim                 | Nominal       |  |  |
| Р                   | 3.25±0.2      |  |  |
| PP                  | 4.93±0.2      |  |  |
| R1                  | 23.01         |  |  |
| R2                  | 20.62         |  |  |
| S                   | 28.6±0.3      |  |  |
| V                   | 20.83+0/-1.25 |  |  |
| W                   | 2.1/2.5       |  |  |
| Z                   | 31.5 Max      |  |  |
| VV THREAD           | M18x1-6g      |  |  |

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| Image: R Not Listed   3W08PB MOD N°   CUSTOMER DRAWING   um Receptacle 8D series  |                   |  |  |           |        |   |  |
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| SEXAMPLE         any non-conformity or damage         which does not comply with         er of the Parties or by a third party         idation, technical notice.)         untry       Jurisdiction & Control List         R       Not Listed         3W08PB         MOD N°         CUSTOMER DRAWING         um Receptacle 8D series         ar       NPRDS / PROJECT         859         1         0.COM         This document is the property of SOURIAU         it must not be reproduced or communicated without permission         AU DRG N°         SHEET         W08PB-C   |                   |  |  |           |        | 4 |  |
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| CUSTOMER DRAWING         um Receptacle 8D series         ar         NPRDS / PROJECT         859         This document is the property of SOURIAU         SOURIAU         it must not be reproduced or communicated without permission         SHEET         1/2   | 3W                | 08PB   |  |           |        |   |  |
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| 859       This document is the property of SOURIAU it must not be reproduced or communicated without permission       NU DRG N°     SHEET       W08PB-C     1/2   | um                | n Receptacle 8D series                             |  |           |        |   |  |
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|----------|---|--|--------|---|--|---|
|          |   | Contact Layout   |        |   |  | Panel Cutout  |
| 4        | х.  | $ \begin{array}{c} & & & \\ & & & \\ & & & \\ & & $ |        |   | A                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | Con<br>posi<br>II<br>A<br>E<br>C<br>C<br>C<br>C<br>E<br>F<br>C<br>C<br>C<br>F | Uion<br>D         X-axis<br>(mm)         Y-axis<br>(mm)           A         +.065 (1.65)         +.157 (3.99)           B         +.170 (4.32)         +.000 (0.00)           C         +.120 (3.05)        120 (3.05)           D         .000 (0.00)        170 (4.32)           E        120 (3.05)        120 (3.05)           F        170 (4.32)         +.000 (0.00)           B        065 (1.65)         +.157 (3.99)   |        |   | ₩<br>₩                                 |   |
| ယ        |   | mber of Size Service Contact Supersedes<br>ntacts contacts rating location 8<br>8 20 I All MS20051-8   |        |   |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |
|          |   |  |        |   |  | 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 |
| S        |   |  |        |   |  | Country<br>FR<br>PN: 8D013W   |
|          |   |  |        |   | A 16-10-20<br>ISS DATE<br>Designed By: | 16 First Release<br>Latest modification - by<br>Date:   |
| <b>→</b> |   |  |        |   | SCALE<br>NA                            | Aluminium<br>General linear<br>Tolerances:<br>±   |
|          |   |  |        |   | FORMAT                                 |   |
|          |   |  |        | _ | A3                                     | SOURIAU<br>8D013W0  |
|          | Н   | G  | F      | E | D                                      | C   |

