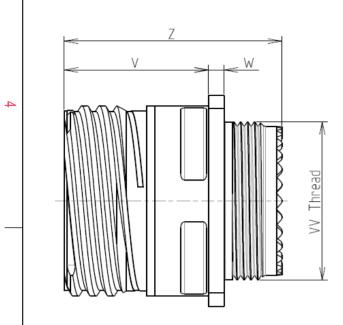
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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 09

PLATING : F = Nickel

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

|   | -Shell Material        | : Aluminium                            |
|---|------------------------|--|
|   | -Shell Plating         | : Nickel                               |
|   | -Insulator             | : Thermoplastic                        |
|   | -Contacts              | : Copper Alloy                         |
|   | -Seals & Grommet       | : Silicon Elastomer                    |
| 2 | -Contact Plating       | : Gold over copper Alloy 0.8µm minimum |
|   | -Durability            | : 500 Mating cycles                    |
|   | -Delivered with Souria | u contacts and Accessories             |
|   | -Temperature Range     | : -65°C to +200°C                      |
|   | -Salt Spray            | : 48 hours                             |
|   | -Mass                  | : 10.45 g ± 10%                        |
|   |                        |  |
|   |                        |  |

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В

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| P         3.25±0.2           PP         5.49±0.2           R1         18.26           R2         15.09           S         23.8±0.3           V         20.83+0/-1.25           W         2.1/2.5           Z         31.5 Max           V/         M12x1-6g | Dim       | Nominal       |
|--|-----------|---------------|
| R1         18.26           R2         15.09           S         23.8±0.3           V         20.83+0/-1.25           W         2.1/2.5           Z         31.5 Max  | Р         | 3.25±0.2      |
| R2         15.09           S         23.8±0.3           V         20.83±0/-1.25           W         2.1/2.5           Z         31.5 Max   | PP        | 5.49±0.2      |
| S         23.8±0.3           V         20.83+0/-1.25           W         2.1/2.5           Z         31.5 Max  | R1        | 18.26         |
| V         20.83+0/-1.25           W         2.1/2.5           Z         31.5 Max   | R2        | 15.09         |
| W         2.1/2.5           Z         31.5 Max   | S         | 23.8±0.3      |
| Z 31.5 Max   | V         | 20.83+0/-1.25 |
|  | W         | 2.1/2.5       |
| $M12v1_{-}6\sigma$   | Z         | 31.5 Max      |
|  | VV THREAD | M12x1-6g      |
|  |           |               |

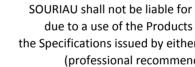
ORIENTATION : C

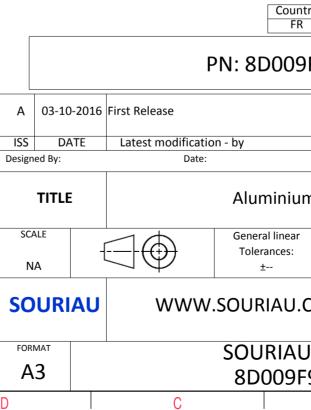
D

CONTACT LAYOUT : 09-98

CONTACT TYPE : SOCKET(500 Matings)

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| σ  | B                             |           |        |   |  |
|--|-------------------------------|-----------|--------|---|--|
|  |                               |           |        | 4 |  |
| AS EXAMPLE   |                               |           |        | 3 |  |
| r any non-conformi<br>is which does not co<br>er of the Parties or<br>indation, technical n<br>untry Juriso<br>FR<br>09F98BC | omply with<br>by a third part |           |        | 2 |  |
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|  | CUSTOME                       | R DRAWING | MOD N° |   |  |
| um Receptac  | m Receptacle 8D series        |           |        |   |  |
| ar<br>:  | NPRDS / PROJECT 859           |           |        |   |  |
| 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  |                               |           |        |   |  |
| F98BC-C  |                               | A         | -, -   | J |  |
|  |                               |           |        |   |  |

| r        | <b>工</b>  | ۵   | нт — | m |                          | 0   |
|----------|---|---|------|---|--------------------------|---|
|          |   | Contact Layout  |      |   |                          | Panel Cutou   |
| 4        | -X  | Φ <sub>B</sub> Λ  |      |   | Å                        | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | Conta<br>positio<br>ID<br>A<br>B<br>C<br>C<br>Shell Arrangement Numb<br>size no.<br>9 -98 3 | n <u>X-axis (mm) (mm)</u><br>+.065 (1.65) +.038 (0.97)<br>+.000 (0.00)075 (1.91)<br>065 (1.65) +.038 (0.97)<br>er of Size Service Contact Supersed<br>location Supersed |      |   |                          | ØI  |
| ω        |   |   |      |   |                          | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |
|          | L   |   |      |   |                          |   |
|          |   |   |      |   |                          | SOURIAU shall not be liable for any<br>due to a use of the Products wh<br>the Specifications issued by either of<br>(professional recommendat<br>Countr |
| N        |   |   |      |   |                          | PN: 8D009F  |
|          |   |   |      |   | A 03-10-20               | 016 First Release   |
|          |   |   |      |   | ISS DATE<br>Designed By: | Latest modification - by<br>Date:   |
|          |   |   |      |   | TITLE                    | Aluminium   |
| <u> </u> |   |   |      |   | SCALE<br>NA              | General linear<br>Tolerances:   |
|          |   |   |      |   | SOURIA                   | U WWW.SOURIAU.C   |
|          |   |   |      |   | FORMAT<br>A3             | SOURIAU<br>8D009F9  |
|          | Н   | G   | F    | E | D                        | C   |

