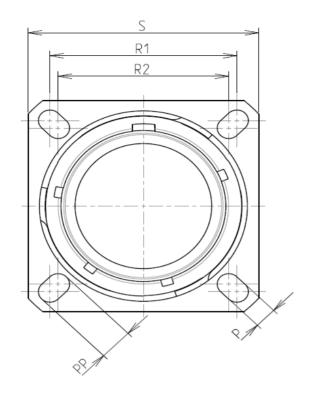
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|---|---|---|---|---|
|   |   |   |   |   |







Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 09

PLATING : M = Nickel

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

| -Shell Material                     | : Composite                            |  |  |
|-------------------------------------|--|--|--|
| -Shell Plating                      | : Nickel                               |  |  |
| -Insulator                          | : Thermoplastic                        |  |  |
| -Contacts                           | : Copper Alloy                         |  |  |
| -Seals & Grommet                    | : Silicon Elastomer                    |  |  |
| -Contact Plating                    | : Gold over copper Alloy 0.8µm minimum |  |  |
| -Durability                         | : 500 Mating cycles                    |  |  |
| -Delivered without Souriau contacts |  |  |  |
| -Temperature Range                  | -65°C to +200°C                        |  |  |
| -Salt Spray                         | : 2000 hours                           |  |  |
|                                     |  |  |  |

: 7.9 g ± 10%

8D 0

G

09

Μ

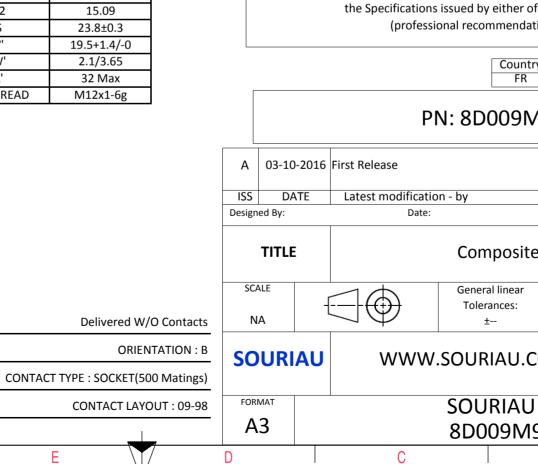
98

S

F

В ΙL

| Connector dimension |             |  |  |  |
|---------------------|-------------|--|--|--|
| Dim                 | Nominal     |  |  |  |
| Р                   | 3.25±0.2    |  |  |  |
| PP                  | 5.49±0.2    |  |  |  |
| R1                  | 18.26       |  |  |  |
| R2                  | 15.09       |  |  |  |
| S                   | 23.8±0.3    |  |  |  |
| V'                  | 19.5+1.4/-0 |  |  |  |
| W'                  | 2.1/3.65    |  |  |  |
| Ζ'                  | 32 Max      |  |  |  |
| VV THREAD           | M12x1-6g    |  |  |  |



| 0   |                                    | σ         |                            | Þ     |              |   |
|---|------------------------------------|-----------|----------------------------|-------|--------------|---|
|   |                                    |           |                            |       |              | 4 |
| LAY   | YOUT SHOWN AS EX                   | AMPLE     |                            |       |              | 3 |
| SOURIAU shall not be liable for any non-conformity or damage<br>due to a use of the Products which does not comply with<br>the Specifications issued by either of the Parties or by a third party<br>(professional recommendation, technical notice.)<br>Country Jurisdiction & Control List<br>FR Not Listed   |                                    |           |                            |       |              | 2 |
| PI<br>rst Release   | N: 8D009M                          | 198SBL    |                            |       |              |   |
| Latest modificatio  | n - by                             |           |                            |       | MOD N°       |   |
| Date:   |                                    | Receptacl | customer dr<br>e 8D series | AWING |              |   |
| $] \bigoplus$   | General linear<br>Tolerances:<br>± |           | NPRDS / PRO<br><b>859</b>  |       |              | 1 |
| Image: Source of the second state o |                                    |           |                            |       |              |   |
|   | SOURIAU                            |           | 1                          |       | SHEET<br>1/2 |   |
| С   | 8D009M9                            | BSBT-C    |                            | A     | 1/2          |   |
|   |                                    | -         |                            |       |              |   |

| r | т   | ۵  | וד | m |  | 0  |  |
|---|---|--|----|---|--|--|--|
|   |   | Contact Layout   |    |   |  |  | Panel Cutou                                |
| 4 | -X  |  |    |   | Ā                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING   |  |
|   | Shell Arrangement Numb size no. Konta 9 -98 3 | n X-axis Y-axis<br>(mm) (mm)<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 Supersedes<br>tcts contacts rating location |    |   | ¥<br>~                                 | ØA   | ØI   |
| ω |   |  |    |   |  | Din<br>ØA<br>ØA<br>R1<br>ØT  | A  |
|   | F   |  |    |   |  |  |  |
|   |   |  |    |   |  | SOURIAU shall not be<br>due to a use of the<br>the Specifications issued<br>(professional re | Products wh<br>I by either of<br>commendat |
| N |   |  |    |   |  | PN: 8  | Countr<br>FR<br>D009N                      |
|   |   |  |    |   | A 03-10-20<br>ISS DATE<br>Designed By: | 16 First Release<br>Latest modification - by<br>Date:  |  |
|   |   |  |    |   | TITLE                                  |  | omposite                                   |
|   |   |  |    |   | NA                                     |  | blerances:                                 |
|   |   |  |    |   | SOURIA                                 | U WWW.SOL  | JRIAU.C                                    |
|   |   |  |    |   | FORMAT<br>A3                           |  | URIAU<br>009M                              |
|   | Н   | G  | F  | E | D                                      | C  |  |

