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

Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 09

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : J = Olive drab Cadmium

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

| -Shell Material                                  | : Composite                                  |  |  |
|--|--|--|--|
| -Shell Plating                                   | : Olive drab Cadmium                         |  |  |
| -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℃                               |  |  |
| -Salt Spray                                      | : 2000 hours                                 |  |  |

: 9.1 g ± 10%

8D 0

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В

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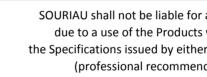
| Connector dimension |             |  |  |
|---------------------|-------------|--|--|
| Dim                 | Nominal     |  |  |
| Р                   | 3.25±0.2    |  |  |
| PP                  | 5.49±0.2    |  |  |
| R1                  | 18.26       |  |  |
| R2                  | 15.09       |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

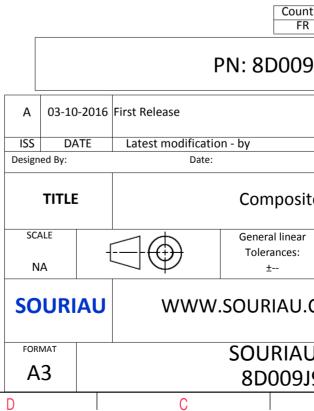
**ORIENTATION : A** 

CONTACT LAYOUT : 09-98

CONTACT TYPE : SOCKET(500 Matings)

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|--|--|---------|------|--|--|
|  |  |         | 4    |  |  |
| AS EXAMPLE   |  |         | 3    |  |  |
| any non-conformi   | ity or damage                              |         |      |  |  |
| which does not co<br>er of the Parties or<br>Idation, technical r  | omply with<br>by a third party<br>notice.) |         |      |  |  |
| untry Juriso<br>FR   | diction & Control<br>Not Listed            | List    | 2    |  |  |
| 9J98BA   | J98BA                                      |         |      |  |  |
|  |  | MO      | D N° |  |  |
|  | CUSTOMER D                                 | RAWING  |      |  |  |
|  | e Receptacle 8D series                     |         |      |  |  |
| ar<br>:  | NPRDS / PF<br><b>859</b>                   | ROJECT  | 1    |  |  |
| .COM<br>This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |  |         |      |  |  |
| U DRG N°   |  |         | EET  |  |  |
| J98BA-C  |  | 1,<br>A | /2   |  |  |
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|----------|--|--|----|---|--------------------------|--|---|
|          |  | Contact Layout   |    |   |                          |  | Panel Cutou                                   |
| 4        | -X                                     |  |    |   | ħ                        | SQUARE FLANGE RECEPTACLE (TYPE O   | )   |
|          | Sheli Arrangement Numb<br>size 9 -98 3 | X.avis<br>(mm) Y-avis<br>(mm)   + 065 (1.65) + 0.38 (0.97)   + 000 (0.00) - 0.75 (1.91)   - 0.65 (1.65) + 0.38 (0.97)   er of Size   contacts rating   location Supersedes |    |   | <u>₹</u>                 | Ø  | <u> ØT</u>                                    |
| co       |  |  |    |   |                          | Di<br>Ø<br>ØA<br>R<br>Ø  | A<br>\A<br>1                                  |
| -        | F                                      |  |    |   | [                        |  |   |
|          |  |  |    |   |                          | SOURIAU shall not be<br>due to a use of the<br>the Specifications issue<br>(professional r | e Products wh<br>d by either of<br>ecommendat |
| N        |  |  |    |   |                          | PN:  | Countr<br>FR<br>8D009                         |
|          |  |  |    |   | A 03-10-20               | 16 First Release   |   |
|          |  |  |    |   | ISS DATE<br>Designed By: | Latest modification - by<br>Date:  | 1   |
|          |  |  |    |   | TITLE                    | C  | omposite                                      |
| <u> </u> |  |  |    |   | SCALE<br>NA              |  | eneral linear<br>Folerances:<br>±             |
|          |  |  |    |   | SOURIA                   | U WWW.SO   | URIAU.C                                       |
|          |  |  |    |   | FORMAT<br>A3             | SC<br>8  | DURIAU<br>3D009J9                             |
|          | Н                                      | G  | F  | E | D                        | C  |   |

