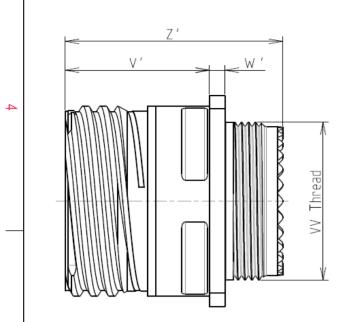
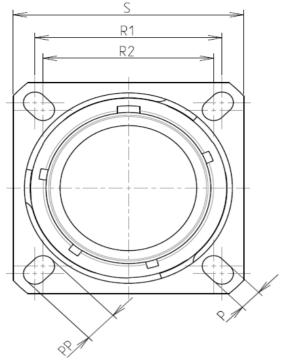
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## CHARACTERISTICS

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-Salt Spray

BASIC SERIES:

SHELL SIZE : 09

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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 0.8µm minimum |  |  |  |  |
| -Durability                                      | : 500 Mating cycles                    |  |  |  |  |
| -Delivered with Souriau contacts and Accessories |  |  |  |  |  |
| -Temperature Range                               | : -65°C to +175°C                      |  |  |  |  |

: 2000 hours

8D 0

G

09

-

J

98

| 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      |
| /V THREAD | M12x1-6g    |

| П   | т   | τ  |   | 0                              |                                    | Φ                           |                               |        |   |
|---|---|--|---|--------------------------------|------------------------------------|-----------------------------|-------------------------------|--------|---|
| S<br>R1<br>R2   |   |  |   |                                |                                    | MPIE                        |                               |        | 4 |
| Keying Shown as a   |   |  |   | LAYO                           | OUT SHOWN AS EXA                   | MPLE                        |                               |        |   |
|   | Connector dimension           Dim         Nominal           P         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           Z'         32 Max           VV THREAD         M12x1-6g | SOURIAU shall not be liable for any non-conformity or damage         due to a use of the Products which does not comply with         the Specifications issued by either of the Parties or by a third party         (professional recommendation, technical notice.) <ul> <li></li></ul> |   |                                |                                    |                             | 2                             |        |   |
|   |   |  |   | First Release                  |                                    |                             |                               |        |   |
|   |   | -  | ISS DATE<br>Designed By:  | Latest modification<br>Date:   | ı - by                             | CU                          | ISTOMER DRAWING               | MOD N° | — |
|   |   |  | TITLE Compo   |                                |                                    | posite Receptacle 8D series |                               |        |   |
| нс  |   |  | SCALE -   |                                | General linear<br>Tolerances:<br>± |                             | NPRDS / PROJECT<br><b>859</b> |        | 1 |
| ORIENTATION : C<br>CONTACT TYPE : PIN (1500 Matings)        |   |  | SOURIAU WWW.SOURIAU.COM This document is the prope<br>SOURIAU<br>it must not be reproduced<br>communicated without perm |                                | ced or                             |                             |                               |        |   |
| CONTACT TYPE : PIN (1500 Matings)<br>CONTACT LAYOUT : 09-98 |   |  | format<br>A3  | SOURIAU DRG N°<br>8D009J98HC-C |                                    |                             | SHEET<br>1/2                  |        |   |
| F   | E   |  | D   | С                              |                                    | В                           | A                             |        |   |

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|----------|--|---|----|---|--------------------------|---|
|          |  | Contact Layout  |    |   |                          | Panel Cutou   |
| 4        | -X <u></u>   |   |    |   | Å                        | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | Contai<br>positio<br>ID<br>A<br>B<br>C<br>C<br>Shell Arrangement Numb<br>size no. conta<br>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>065 (1.65) +.038 (0.97)<br> |    |   |                          | 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 |
| N        |  |   |    |   |                          | PN: 8D009J  |
|          |  |   |    |   | A 03-10-20               | 016 First Release   |
|          |  |   |    |   | ISS DATE<br>Designed By: | Latest modification - by<br>Date:   |
|          |  |   |    |   | TITLE                    | Composite   |
| <u> </u> |  |   |    |   | SCALE<br>NA              | General linear<br>Tolerances:<br>±  |
|          |  |   |    |   | SOURIA                   | U WWW.SOURIAU.C   |
|          |  |   |    | _ | FORMAT<br>A3             | SOURIAU<br>8D009J9  |
|          | Н  | G   | F  | E | D                        | C   |

