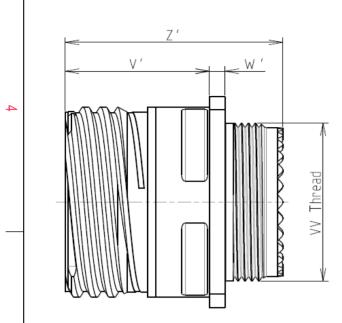
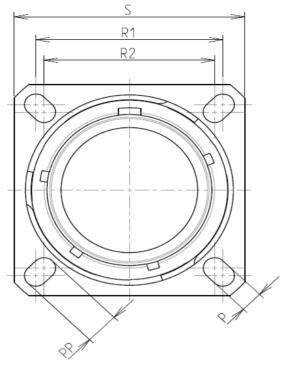
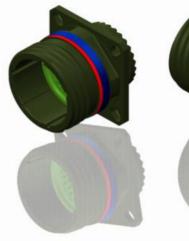
| т | ۵ | <b>п</b> | m | C C |
|---|---|----------|---|-----|
|   |   |          |   |     |







Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE: 11

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      | <sub>∶</sub> -65°C to +175°C                 |
| -Salt Spray             | : 2000 hours                                 |

: 9.1 g ± 10%

8D 0

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11

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J

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A E

| Connector dimension |             |  |
|---------------------|-------------|--|
| Dim                 | Nominal     |  |
| Р                   | 3.25±0.2    |  |
| PP                  | 4.93±0.2    |  |
| R1                  | 20.62       |  |
| R2                  | 18.26       |  |
| S                   | 26.2±0.3    |  |
| V'                  | 19.5+1.4/-0 |  |
| W'                  | 2.1/3.65    |  |
| Ζ'                  | 32 Max      |  |
| VV THREAD           | M15x1-6g    |  |

| Vector dimension   325502   423302   423302   423302   423302   423302   423302   423302   10.514.4/0   11.514.8/0   12.540.3   12.540.3   12.540.3   12.540.3   12.540.3   12.540.3   12.540.3   12.540.3   12.540.3   12.540.4/0   12.540.3   12.540.3   12.540.4/0   12.540.3   12.540.3   12.540.3   12.540.4/0   12.540.3   12.540.3   12.540.3   12.540.4/0   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.540.5   12.500.5   12.500.5   12.500.5   12.500.5   12.500.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                                                                          |           |                                                                                                                                                                                                                                           |                    |   |                     |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---|---------------------|--|--|
| Image: State of the state | m                                                                                                          |           | 0                                                                                                                                                                                                                                         | σ                  | A |                     |  |  |
| 3.25±0.2   4.93±0.2   20.62   18.26   26.2±0.3   19.5±1.4/-0   2.1/3.65   32 Max   AD   M15x1-6g   MOD N* Expectifications issued by either of the Parties or by a third party<br>(professional recommendation, technical notice.)   PN: 8D011J22AE   A   06-10-2016   First Release   ISS DATE   Latest modification - by MOD N*   Designed By: Date:   CUSTOMER DRAWING   This document is the property of<br>SOURIAU   SOURIAU   ORIENTATION : E SOURIAU   CONTACT TYPE : PIN(500 Matings) CONTACT LAYOUT : 11-22   CONTACT LAYOUT : 11-22 SOURIAU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                            |           |                                                                                                                                                                                                                                           | T SHOWN AS EXAMPLE |   | 4                   |  |  |
| A 06-10-2016 First Release MOD N°   ISS DATE Latest modification - by MOD N°   Designed By: Date: CUSTOMER DRAWING   TITLE Composite Receptacle 8D series   SCALE General linear NPRDS / PROJECT   NA Image: the series B59   CONTACT TYPE: PIN(500 Matings) SOURIAU WWW.SOURIAU.COM   FORMAT SOURIAU SOURIAU permission   FORMAT SOURIAU DRG N° SHET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Nominal     3.25±0.2     4.93±0.2     20.62     18.26     26.2±0.3     19.5+1.4/-0     2.1/3.65     32 Max |           | 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.)   Country Jurisdiction & Control List   FR Not Listed |                    |   |                     |  |  |
| TITLE Composite Receptacle 8D series   SCALE Image: SCALE SCALE   NA Image: SOURIACE SESS   ORIENTATION : E SOURIAU WWW.SOURIAU.COM This document is the property of SOURIAU it must not be reproduced or communicated without permission   CONTACT LAYOUT : 11-22 FORMAT SOURIAU DRG N° SHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                            | ISS DATE  | 5 First Release<br>Latest modification -                                                                                                                                                                                                  |                    |   | MOD N°              |  |  |
| NA Tolerances: B59   ORIENTATION : E SOURIAU This document is the property of SOURIAU.COM   CONTACT TYPE : PIN(500 Matings) FORMAT SOURIAU   CONTACT LAYOUT : 11-22 FORMAT SOURIAU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                            | TITLE     | Composite Receptacle 8D series                                                                                                                                                                                                            |                    |   |                     |  |  |
| ORIENTATION : E SOURIAU WWW.SOURIAU.COM SOURIAU SOURIAU   CONTACT TYPE : PIN(500 Matings) FORMAT SOURIAU it must not be reproduced or communicated without permission SOURIAU   CONTACT LAYOUT : 11-22 FORMAT SOURIAU SHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                            |           | Tolerances: 859                                                                                                                                                                                                                           |                    | 1 |                     |  |  |
| A3 8D011122AF-C 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CONTACT TYPE : PIN(500 Mating                                                                              | 22 FORMAT | SOURIAU WWW.SOURIAU.COM SOURIAU it must not be reproduced communicated without permi                                                                                                                                                      |                    |   | ced or<br>ermission |  |  |
| E D C B A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | E                                                                                                          |           | С                                                                                                                                                                                                                                         | 8D011J22AE-C       | A | 1/2                 |  |  |

| 4 | (             | Contact Layout<br>22*                                |   |   |                     | S(   | QUARE FLANGE RECEPTACLE (<br>REAR MOUNTING<br>R1 | Panel Cu<br>TYPE 0)                           |
|---|---------------|------------------------------------------------------|---|---|---------------------|------|--------------------------------------------------|-----------------------------------------------|
|   | Ctc<br>A<br>B | 4#22D<br>11-22<br>X Y<br>1.905 1.905<br>1.905 -1.905 |   |   |                     | V    |                                                  | ØT_                                           |
| ω | C<br>D        | -1.905 -1.905<br>-1.905 1.905                        |   |   |                     |      |                                                  | Dim<br>ØA<br>ØAA<br>R1<br>ØT                  |
|   |               |                                                      |   |   |                     |      | the Specifications                               | of the Products                               |
| N |               |                                                      |   |   |                     |      | F                                                | Cour<br>F<br>PN: 8D01                         |
| _ |               |                                                      |   |   | A<br>ISS<br>Designe | DATE | 6 First Release<br>Latest modificatio<br>Date:   | n - by                                        |
| - |               |                                                      |   |   | SCA<br>NA           |      |                                                  | Composi<br>General linear<br>Tolerances:<br>± |
|   |               |                                                      |   |   | SO                  |      | WWW.                                             | SOURIAU<br>SOURIA                             |
|   |               |                                                      |   |   | A                   | 3    |                                                  | 8D011                                         |
|   | Н             | G                                                    | F | E | D                   |      | С                                                |                                               |

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