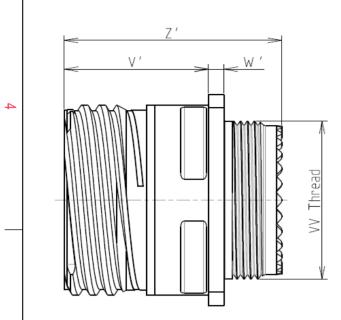
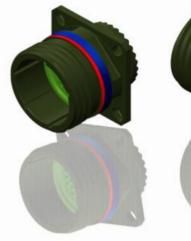
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|   |   |            |   |   |







Keying Shown as example

## CHARACTERISTICS

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-Mass

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 $0.8 \mu m$ minimum |  |  |
| -Durability                                      | : 500 Mating cycles                          |  |  |
| -Delivered with Souriau contacts and Accessories |  |  |  |
| -Temperature Range                               | -65°C to +175°C                              |  |  |
| -Salt Spray                                      | : 2000 hours                                 |  |  |

: 7.8 g ± 10%

8D 0

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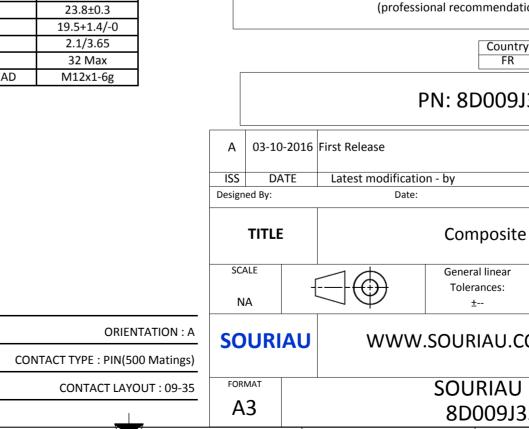
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| Connector dimension |             |  |  |
|---------------------|-------------|--|--|
| Dim                 | Nominal     |  |  |
| Р                   | 3.25±0.2    |  |  |
| PP                  | 5.49±0.2    |  |  |
| R1                  | 18.26       |  |  |
| 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    |  |  |

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| 0   |                                    | Φ    |   | А       |              |   |
|---|------------------------------------|------|---|---------|--------------|---|
|   |                                    |      |   |         |              | 4 |
| LAY   | YOUT SHOWN AS EXA                  | MPLE |   |         |              | 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.) |                                    |      |   |         |              |   |
| PN: 8D009J35AA  |                                    |      |   |         |              |   |
| First Release<br>Latest modificatio   | n - by                             |      |   |         | MOD N°       |   |
| Date:     CUSTOMER DRAWING       Composite Receptacle 8D series   |                                    |      |   |         |              |   |
| $\exists \bigoplus$   | General linear<br>Tolerances:<br>± |      | 8 | PROJECT |              | 1 |
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|   | SOURIAU E<br>8D009J35              |      |   |         | SHEET<br>1/2 |   |
| С   |                                    | B    |   | A       |              | 1 |
|   |                                    |      |   |         |              |   |

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|----------|---|---|-------------------|---|--------------|--|---|
|          |   | Contact Layout  |                   |   |              |  | Panel Cutou   |
| 4        | -*(   | $5 \oplus 0^{1}$<br>$4 \oplus 0^{2}$<br>1 - Y<br>Contacts<br>(Insert arrangement 9-35)  |                   |   |              | SQUARE FLANGE RECEPTACLE (T<br>REAR MOUNTING             |   |
| _        | Com<br>posit<br>ID<br>1<br>2<br>3<br>3<br>4<br>4<br>5<br>6<br>6 | Contact location           X-axis         Y-axis           (mm)         (mm)           +.045 (1.14)         +.078 (1.98)           +.078 (1.98)        045 (1.14)           +.078 (1.98)        045 (1.14)          078 (1.98)        045 (1.14)          045 (1.14)         +.078 (1.98) |                   |   |              |  | ØA ST   |
|          | Shell Arrangement Numb<br>size no. conta<br>9 -35 6             | er of Size Service Contact Supersedes<br>acts contacts rating location  |                   |   |              |  | Dim   |
| ω        |   |   |                   |   |              |  | ØA<br>ØAA<br>R1<br>ØT   |
|          |   |   |                   |   |              |  |   |
|          |   |   |                   |   |              | due to a use o<br>the Specifications                     | ot be liable for any<br>of the Products whi<br>issued by either of<br>onal recommendati |
| N        |   |   |                   |   |              |  | Country<br>FR   |
|          |   |   |                   |   |              |  | N: 8D009J   |
|          |   |   |                   |   |              | -10-2016 First Release DATE Latest modification y: Date: | n - by  |
|          |   |   |                   |   | п            | LE   | Composite   |
| <u> </u> |   |   |                   |   | SCALE<br>NA  |  | General linear<br>Tolerances:<br>±  |
|          |   |   |                   |   | SOU          | RIAU WWW.  | SOURIAU.C   |
|          |   |   |                   |   | FORMAT<br>A3 |  | SOURIAU<br>8D009J3  |
|          | Н   | G   | F                 | E | D            | C  |   |

