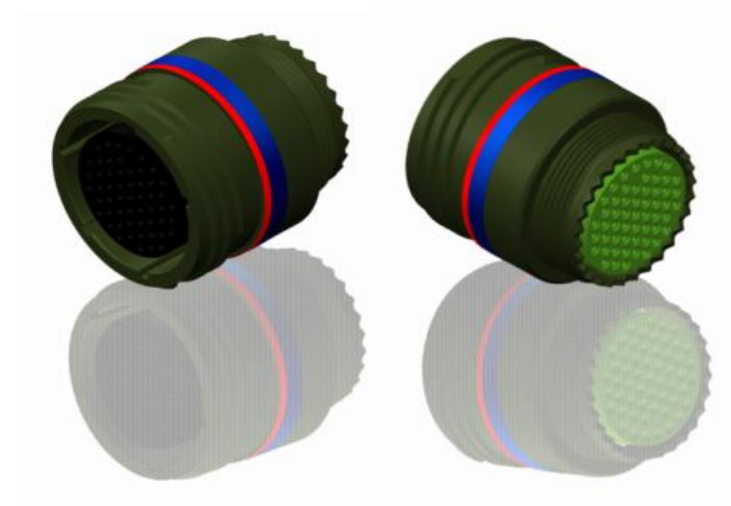
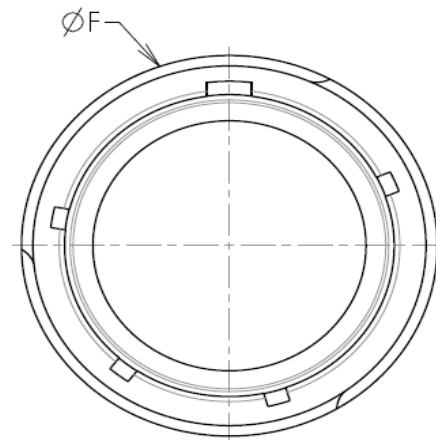




Keying Shown as example

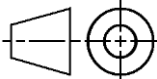
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Olive drab Cadmium
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 35 Max   |
| Z                   | 31.5 Max |
| VV THREAD           | M31x1-6g |

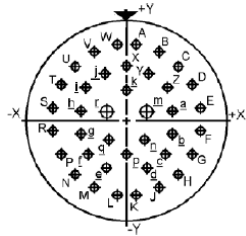
SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

PN: 8D121W39SD

|                |                                                                                       |                                          |                                                                                                                |
|----------------|---------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| A              | 24-09-2016                                                                            | First Release                            |                                                                                                                |
| ISS            | DATE                                                                                  | Latest modification - by                 | MOD N°                                                                                                         |
| Designed By:   |                                                                                       | Date:                                    | <b>CUSTOMER DRAWING</b>                                                                                        |
| <b>TITLE</b>   |                                                                                       | Aluminium Inline plug 8D series          |                                                                                                                |
| SCALE          |  | General linear<br>Tolerances:<br>$\pm--$ | NPRDS / PROJECT<br><br><b>859</b>                                                                              |
| NA             |                                                                                       |                                          |                                                                                                                |
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| FORMAT         | <b>SOURIAU DRG N°<br/>8D121W39SD-C</b>                                                |                                          | SHEET<br><br>1/2                                                                                               |
| <b>A3</b>      |                                                                                       |                                          |                                                                                                                |

Contact Layout



| Contacts<br>(Insert arrangement 21-39) |              |              |                     |             |             |
|----------------------------------------|--------------|--------------|---------------------|-------------|-------------|
| Contact position ID                    | Location     |              | Contact position ID | Location    |             |
|                                        | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +065 (1.65)  | +411 (10.44) | X                   | +000 (0.00) | +295 (7.49) |
| B                                      | +189 (4.80)  | +371 (9.42)  | Y                   | +126 (3.20) | +256 (6.50) |
| C                                      | +294 (7.47)  | +294 (7.47)  | Z                   | +232 (5.89) | +179 (4.55) |
| D                                      | +371 (9.42)  | +189 (4.80)  | a                   | +280 (7.11) | +057 (1.45) |
| E                                      | +411 (10.44) | +065 (1.65)  | b                   | +280 (7.11) | -074 (1.88) |
| F                                      | +411 (10.44) | -065 (1.65)  | c                   | +217 (5.51) | -189 (4.80) |
| G                                      | +371 (9.42)  | -189 (4.80)  | d                   | +112 (2.84) | -265 (6.73) |
| H                                      | +294 (7.47)  | -294 (7.47)  | e                   | -112 (2.84) | -265 (6.73) |
| J                                      | +189 (4.80)  | -371 (9.42)  | f                   | -217 (5.51) | -189 (4.80) |
| K                                      | +065 (1.65)  | -411 (10.44) | g                   | -280 (7.11) | -074 (1.88) |
| L                                      | -065 (1.65)  | -411 (10.44) | h                   | -280 (7.11) | +057 (1.45) |
| M                                      | -189 (4.80)  | -371 (9.42)  | i                   | -232 (5.89) | +179 (4.55) |
| N                                      | -294 (7.47)  | -294 (7.47)  | j                   | -126 (3.20) | +256 (6.50) |
| P                                      | -371 (9.42)  | -189 (4.80)  | k                   | +000 (0.00) | +164 (4.17) |
| R                                      | -411 (10.44) | -065 (1.65)  | m                   | +114 (2.90) | +048 (1.22) |

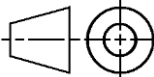
| Contacts<br>(Insert arrangement 21-39) |              |              |                     |             |             |
|----------------------------------------|--------------|--------------|---------------------|-------------|-------------|
| Contact position ID                    | Location     |              | Contact position ID | Location    |             |
|                                        | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm) | Y-axis (mm) |
| S                                      | -411 (10.44) | +065 (1.65)  | n                   | +106 (2.69) | -107 (2.72) |
| T                                      | -371 (9.42)  | +189 (4.80)  | p                   | +000 (0.00) | -189 (4.80) |
| U                                      | -294 (7.47)  | +294 (7.47)  | q                   | -106 (2.69) | -107 (2.72) |
| V                                      | -189 (4.80)  | +371 (9.42)  | r                   | -114 (2.90) | +048 (1.09) |
| W                                      | -065 (1.65)  | +411 (10.44) | ---                 | ---         | ---         |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location   | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|--------------------|------------|
| 21         | -39             | 2<br>37            | 16<br>20      | I              | r, m<br>All others | MS20055-39 |

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.)

| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

PN: 8D121W39SD

|              |                                                                                       |                                 |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|---------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 24-09-2016                                                                            | First Release                   |                  |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by        |                  | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                           | CUSTOMER DRAWING |                                                                                                                |
| TITLE        |                                                                                       | Aluminium Inline plug 8D series |                  |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:   | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | ±--                             | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D121W39SD-C                                                        |                                 |                  | SHEET<br>2/2                                                                                                   |