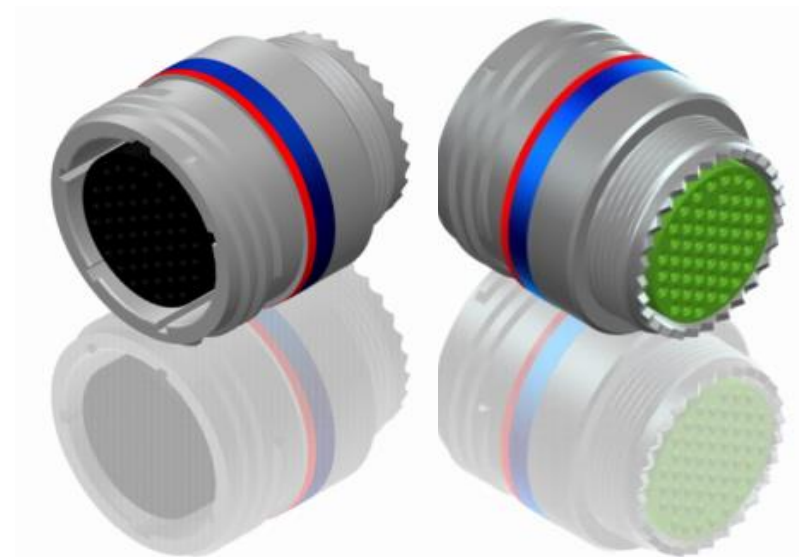
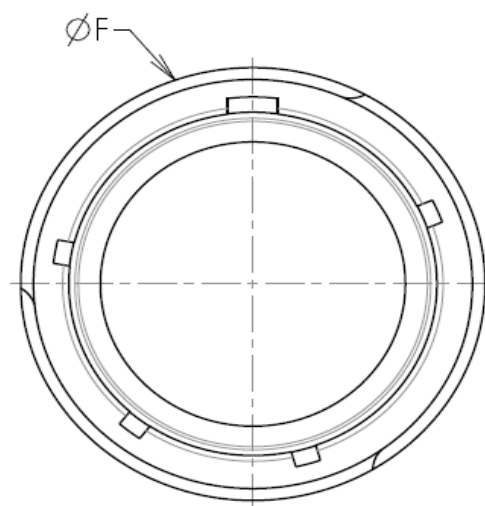




Keying Shown as example

## CHARACTERISTICS

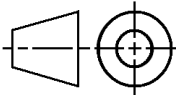
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 25.4 Max |
| Z                   | 31.5 Max |
| VV THREAD           | M22x1-6g |

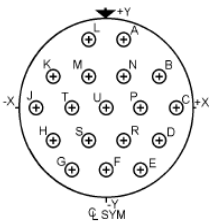
SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

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

PN: 8D115F18SC

|              |                                                                                       |                                 |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|---------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 27-09-2016                                                                            | First Release                   |                  |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by        |                  | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                           | CUSTOMER DRAWING |                                                                                                                |
| TITLE        |                                                                                       | Aluminium Inline plug 8D series |                  |                                                                                                                |
| SCALE        |  | General linear                  | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | Tolerances:<br>±--              | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D115F18SC-C                                                        |                                 |                  | SHEET<br>1/2                                                                                                   |

Contact Layout



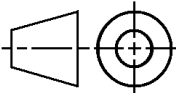
| Contacts<br>(Insert arrangement 15-18) |             |             |                     |             |             |
|----------------------------------------|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|                                        | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +065 (1.65) | +252 (6.40) | K                   | -195 (4.95) | +113 (2.87) |
| B                                      | +195 (4.95) | +113 (2.87) | L                   | -065 (1.65) | +252 (6.40) |
| C                                      | +260 (6.60) | +000 (0.00) | M                   | -065 (1.65) | +113 (2.87) |
| D                                      | +195 (4.95) | -113 (2.87) | N                   | +065 (1.65) | +113 (2.87) |
| E                                      | +130 (3.30) | -225 (5.72) | P                   | +130 (3.30) | +000 (0.00) |
| F                                      | +000 (0.00) | -225 (5.72) | R                   | +065 (1.65) | -113 (2.87) |
| G                                      | -130 (3.30) | -225 (5.72) | S                   | -065 (1.65) | -113 (2.87) |
| H                                      | -195 (4.95) | -113 (2.87) | T                   | -130 (3.30) | +000 (0.00) |
| J                                      | -260 (6.60) | +000 (0.00) | U                   | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -18             | 18                 | 20            | I              | All              | MS20052-18 |

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: 8D115F18SC

|              |                                                                                       |                                       |  |                                                                                                                |                  |
|--------------|---------------------------------------------------------------------------------------|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------|------------------|
| A            | 27-09-2016                                                                            | First Release                         |  |                                                                                                                |                  |
| ISS          | DATE                                                                                  | Latest modification - by              |  |                                                                                                                | MOD N°           |
| Designed By: |                                                                                       | Date:                                 |  | CUSTOMER DRAWING                                                                                               |                  |
| TITLE        |                                                                                       | Aluminium Inline plug 8D series       |  |                                                                                                                |                  |
| SCALE        |  | General linear Tolerances:<br><br>±-- |  | NPRDS / PROJECT<br><br>859                                                                                     |                  |
| NA           |                                                                                       |                                       |  |                                                                                                                |                  |
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| FORMAT       | SOURIAU DRG N°<br>8D115F18SC-C                                                        |                                       |  |                                                                                                                | SHEET<br><br>2/2 |
| A3           |                                                                                       |                                       |  |                                                                                                                |                  |