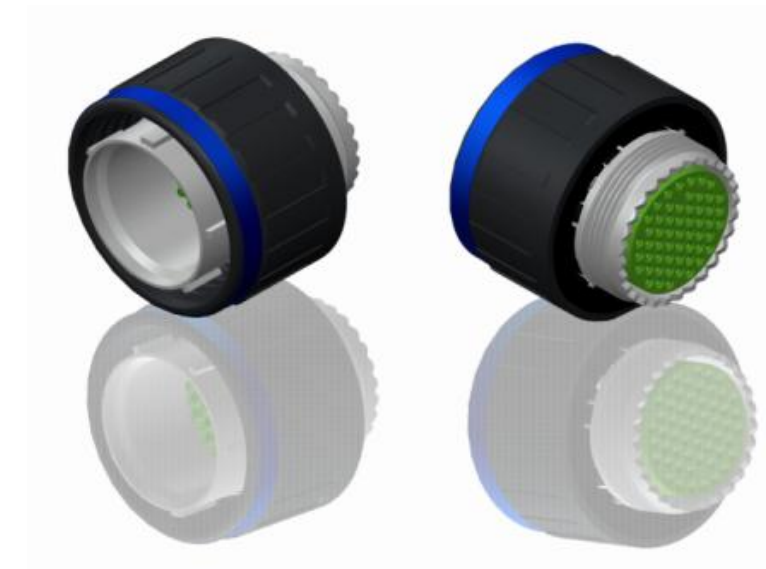
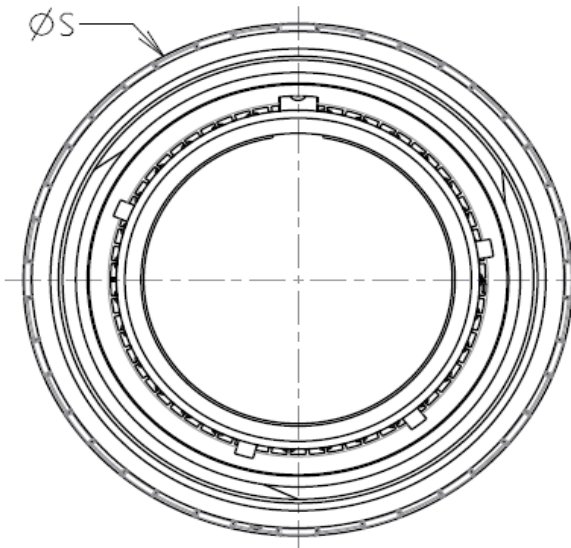




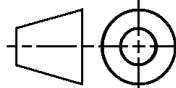
Keying Shown as example

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 : 2000 hours
- Mass : 51.7 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 48 Max   |
| Z'                  | 31.5 Max |
| VV THREAD           | M37x1-6g |

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

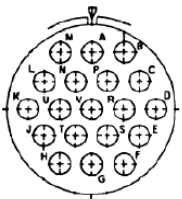
PN: 8D525M19AN

|              |                                                                                       |                                      |                            |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|--------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 07-10-2016                                                                            | First Release                        |                            |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by             |                            | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                                | CUSTOMER DRAWING           |                                                                                                                |
| TITLE        |                                                                                       | Composite Plug 8D series             |                            |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:<br>±-- | NPRDS / PROJECT<br><br>859 |                                                                                                                |
| NA           |                                                                                       |                                      |                            |                                                                                                                |
| SOURIAU      |                                                                                       | WWW.SOURIAU.COM                      |                            | This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |
| FORMAT       | SOURIAU DRG N°<br>8D525M19AN-C                                                        |                                      |                            | SHEET<br>1/2                                                                                                   |
| A3           |                                                                                       |                                      |                            |                                                                                                                |

|                                       |   |   |    |   |    |                                 |   |
|---------------------------------------|---|---|----|---|----|---------------------------------|---|
| BASIC SERIES: 8D                      | 5 | - | 25 | M | 19 | A                               | N |
| SHELL TYPE : Plug with RFI Shielding  |   |   |    |   |    |                                 |   |
| CONTACT TYPE : Standard Crimp Contact |   |   |    |   |    | ORIENTATION : N                 |   |
| SHELL SIZE : 25                       |   |   |    |   |    | CONTACT TYPE : PIN(500 Matings) |   |
| PLATING : M = Nickel                  |   |   |    |   |    | CONTACT LAYOUT : 25-19          |   |

I G F E D C B A

Contact Layout



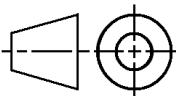
| Contacts<br>(Insert arrangement 25-19) |               |               |                     |              |               |
|----------------------------------------|---------------|---------------|---------------------|--------------|---------------|
| Contact position ID                    | Location      |               | Contact position ID | Location     |               |
|                                        | X-axis (mm)   | Y-axis (mm)   |                     | X-axis (mm)  | Y-axis (mm)   |
| A                                      | + 000 (0.00)  | + 409 (10.39) | L                   | - 354 (8.99) | + 205 (5.21)  |
| B                                      | + 236 (5.99)  | + 409 (10.39) | M                   | - 236 (5.99) | + 409 (10.39) |
| C                                      | + 354 (8.99)  | + 205 (5.21)  | N                   | - 118 (3.00) | + 205 (5.21)  |
| D                                      | + 472 (11.99) | + 000 (0.00)  | P                   | + 118 (3.00) | + 205 (5.21)  |
| E                                      | + 354 (8.99)  | - 205 (5.21)  | R                   | + 236 (5.99) | + 000 (0.00)  |
| F                                      | + 236 (5.99)  | - 409 (10.39) | S                   | + 118 (3.00) | - 205 (5.21)  |
| G                                      | + 000 (0.00)  | - 409 (10.39) | T                   | - 118 (3.00) | - 205 (5.21)  |
| H                                      | - 236 (5.99)  | - 409 (10.39) | U                   | - 236 (5.99) | + 000 (0.00)  |
| J                                      | - 354 (8.99)  | - 205 (5.21)  | V                   | + 000 (0.00) | + 000 (0.00)  |
| K                                      | - 472 (11.99) | + 000 (0.00)  | ---                 | ---          | ---           |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 25         | -19             | 19                 | 12            | I              | All              | MS20057-19 |

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: 8D525M19AN

|              |                                                                                       |                                   |  |                                                                                                                |                  |
|--------------|---------------------------------------------------------------------------------------|-----------------------------------|--|----------------------------------------------------------------------------------------------------------------|------------------|
| A            | 07-10-2016                                                                            | First Release                     |  |                                                                                                                |                  |
| ISS          | DATE                                                                                  | Latest modification - by          |  |                                                                                                                | MOD N°           |
| Designed By: |                                                                                       | Date:                             |  | CUSTOMER DRAWING                                                                                               |                  |
| TITLE        |                                                                                       | Composite Plug 8D series          |  |                                                                                                                |                  |
| SCALE        |  | General linear Tolerances:<br>±-- |  | NPRDS / PROJECT<br><br>859                                                                                     |                  |
| NA           |                                                                                       |                                   |  |                                                                                                                |                  |
| SOURIAU      |                                                                                       | WWW.SOURIAU.COM                   |  | This document is the property of<br>SOURIAU<br>it must not be reproduced or<br>communicated without permission |                  |
| FORMAT       | SOURIAU DRG N°<br>8D525M19AN-C                                                        |                                   |  |                                                                                                                | SHEET<br><br>2/2 |
| A3           |                                                                                       |                                   |  |                                                                                                                |                  |

H G F E D C B A