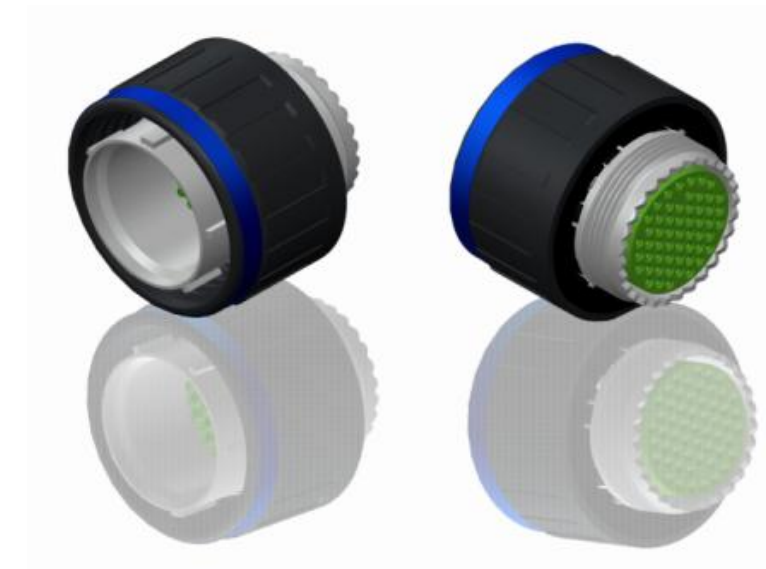
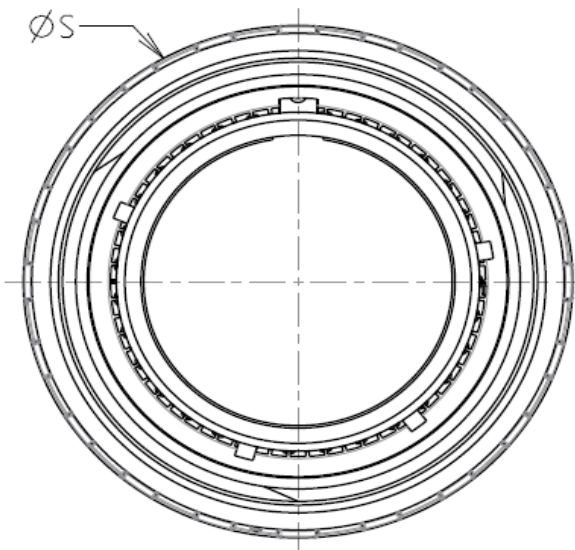




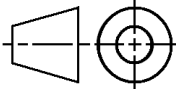
Keying Shown as example

- 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 : 51.2 g ± 10%

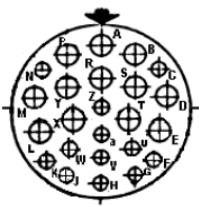
| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 48 Max   |
| Z'                  | 31.5 Max |
| VV THREAD           | M37x1-6g |

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

PN: 8D525M24AN

|              |                                                                                       |                               |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|-------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| 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: | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | ±--                           | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D525M24AN-C                                                        |                               |                  | SHEET<br>1/2                                                                                                   |
| A3           |                                                                                       |                               |                  |                                                                                                                |

Contact Layout



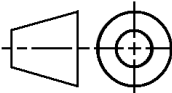
| Contacts<br>(Insert arrangement 25-24) |              |              |                     |              |              |
|----------------------------------------|--------------|--------------|---------------------|--------------|--------------|
| Contact position ID                    | Location     |              | Contact position ID | Location     |              |
|                                        | X-axis       | Y-axis       |                     | X-axis       | Y-axis       |
| A                                      | +000 (0.00)  | +472 (11.99) | N                   | -403 (10.24) | +298 (7.57)  |
| B                                      | +230 (5.84)  | +410 (10.41) | P                   | -230 (5.84)  | +410 (10.41) |
| C                                      | +403 (10.24) | +298 (7.57)  | R                   | +000 (0.00)  | +234 (5.94)  |
| D                                      | +461 (11.71) | +100 (2.54)  | S                   | +230 (5.84)  | +172 (4.37)  |
| E                                      | +413 (10.49) | -134 (3.40)  | T                   | +186 (4.72)  | -062 (1.57)  |
| F                                      | -370 (9.40)  | -336 (8.53)  | U                   | -211 (5.36)  | -267 (6.78)  |
| G                                      | +230 (5.84)  | -441 (11.20) | V                   | +000 (0.00)  | -323 (8.20)  |
| H                                      | +000 (0.00)  | -495 (12.57) | W                   | -211 (5.36)  | -267 (6.78)  |
| J                                      | -230 (5.84)  | -441 (11.20) | X                   | -186 (4.72)  | -062 (1.57)  |
| K                                      | -370 (9.40)  | -336 (8.53)  | Y                   | -230 (5.84)  | +172 (4.37)  |
| L                                      | -413 (10.49) | -134 (3.40)  | Z                   | +000 (0.00)  | +028 (0.71)  |
| M                                      | -461 (11.71) | +100 (2.54)  | a                   | +000 (0.00)  | -151 (3.84)  |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location           |
|------------|-----------------|--------------------|---------------|----------------|----------------------------|
| 25         | -24             | 12                 | 12            | I              | A,B,D,E,I,M<br>P,R,S,T,X,Y |
|            |                 | 12                 | 16            |                | All others                 |

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: 8D525M24AN

|              |                                                                                       |                            |                  |                                                                                                          |
|--------------|---------------------------------------------------------------------------------------|----------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| A            | 07-10-2016                                                                            | First Release              |                  |                                                                                                          |
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| Designed By: |                                                                                       | Date:                      | CUSTOMER DRAWING |                                                                                                          |
| TITLE        |                                                                                       | Composite Plug 8D series   |                  |                                                                                                          |
| SCALE        |  | General linear Tolerances: | NPRDS / PROJECT  |                                                                                                          |
| NA           |                                                                                       | ±--                        | 859              |                                                                                                          |
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| FORMAT       | SOURIAU DRG N°<br>8D525M24AN-C                                                        |                            |                  | SHEET<br>2/2                                                                                             |