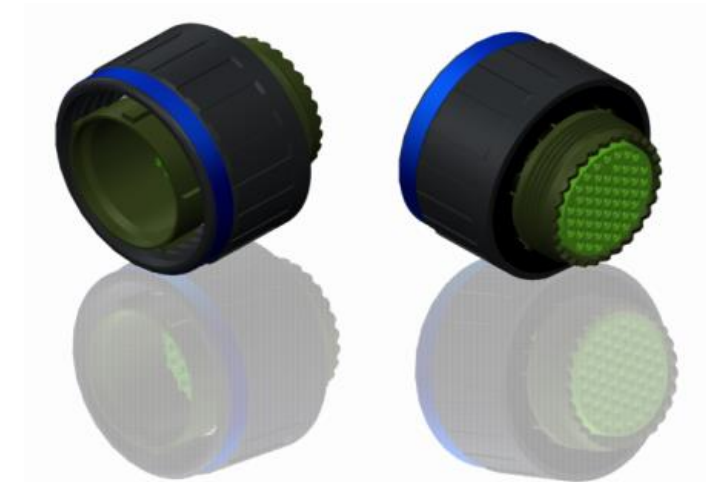
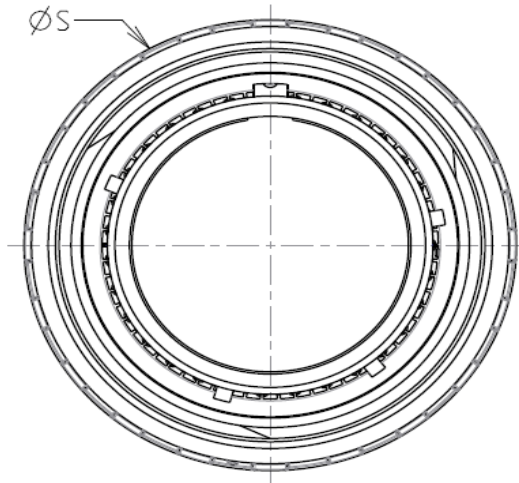




Keying Shown as example

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

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 44.9 Max |
| Z'                  | 31.5 Max |
| VV THREAD           | M34x1-6g |

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

PN: 8D523J54PB

|              |                                                                                       |                               |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 06-10-2016                                                                            | 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>8D523J54PB-C                                                        |                               | SHEET<br>1/2                                                                                                   |
| A3           |                                                                                       |                               |                                                                                                                |

Contact Layout

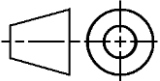


| 23-54 |        |        |     |       |       |
|-------|--------|--------|-----|-------|-------|
| Ctc   | X      | Y      | Ctc | X     | Y     |
| 1     | 3.61   | 11.71  | 28  | 7.72  | 6.07  |
| 2     | 5.74   | 10.72  | 29  | 8.97  | 4.11  |
| 3     | 7.65   | 9.45   | 30  | 9.5   | 0     |
| 4     | 9.45   | 7.65   | 31  | 8.97  | -4.11 |
| 5     | 10.72  | 5.74   | 32  | 7.72  | -6.07 |
| 6     | 11.71  | 3.61   | 33  | 6.07  | -7.72 |
| 7     | 11.71  | -3.61  | 34  | 4.11  | -8.97 |
| 8     | 10.72  | -5.74  | 35  | 0     | -9.5  |
| 9     | 9.45   | -7.65  | 36  | -4.11 | -8.97 |
| 10    | 7.65   | -9.45  | 37  | -6.07 | -7.72 |
| 11    | 5.74   | -10.72 | 38  | -7.72 | -6.07 |
| 12    | 3.61   | -11.71 | 39  | -8.97 | -4.11 |
| 13    | -3.61  | -11.71 | 40  | -9.5  | 0     |
| 14    | -5.74  | -10.72 | 41  | -8.97 | 4.11  |
| 15    | -7.65  | -9.45  | 42  | -7.72 | 6.07  |
| 16    | -9.45  | -7.65  | 43  | -6.07 | 7.72  |
| 17    | -10.72 | -5.74  | 44  | -4.11 | 8.97  |
| 18    | -11.71 | -3.61  | 45  | 0     | 4.37  |
| 19    | -11.71 | 3.61   | 46  | 4.37  | 4.37  |
| 20    | -10.72 | 5.74   | 47  | 4.37  | 0     |
| 21    | -9.45  | 7.65   | 48  | 4.37  | -4.37 |
| 22    | -7.65  | 9.45   | 49  | 0     | -4.37 |
| 23    | -5.74  | 10.72  | 50  | -4.37 | -4.37 |
| 24    | -3.61  | 11.71  | 51  | -4.37 | 0     |
| 25    | 0      | 9.5    | 52  | -4.37 | 4.37  |
| 26    | 4.11   | 8.97   | 53  | 0     | 0     |
| 27    | 6.07   | 7.72   |     |       |       |

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: 8D523J54PB

|              |                                                                                       |                               |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|-------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 06-10-2016                                                                            | 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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