



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- 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                  | 48 Max   |
| Z'                  | 31.5 Max |
| VV THREAD           | M37x1-6g |

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: 8D525J19JE**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 07-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

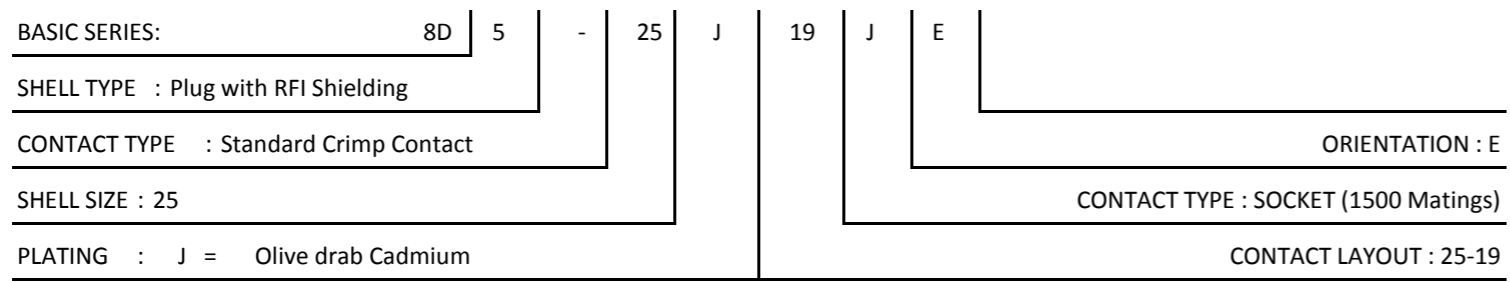
**TITLE** Composite Plug 8D series

|       |  |                            |                 |
|-------|--|----------------------------|-----------------|
| SCALE |  | General linear Tolerances: | NPRDS / PROJECT |
| NA    |  | ±--                        | <b>859</b>      |

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|           |                                    |  |            |
|-----------|------------------------------------|--|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D525J19JE-C</b> |  | SHEET      |
| <b>A3</b> |                                    |  | <b>1/2</b> |



4  
3  
2  
1

4  
3  
2  
1

4  
3  
2  
1

**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              | MS-20057-19 |

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| <b>TITLE</b>   | <b>Composite Plug 8D series</b>    |                            |   |
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| FORMAT         | <b>SOURIAU DRG N° 8D525J19JE-C</b> |                            | SHEET 2/2   |