



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours
- Mass : 12.1 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 25 Max   |
| Z'                  | 31.5 Max |
| VV THREAD           | M15x1-6g |

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: 8D511J01PNL**

|                     |            |  |                               |
|---------------------|------------|--|-------------------------------|
| A                   | 15-10-2016 | First Release                          |                               |
| ISS                 | DATE       | Latest modification - by               | MOD N°                        |
| Designed By:        |            | Date:                                  | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>        |            | Composite Plug 8D series               |                               |
| SCALE               | NA         | General linear Tolerances: ±--         | NPRDS / PROJECT<br><b>859</b> |
| <b>SOURIAU</b>      |            | WWW.SOURIAU.COM                        |                               |
| FORMAT<br><b>A3</b> |            | SOURIAU DRG N°<br><b>8D511J01PNL-C</b> |                               |
|                     |            | SHEET<br>1/2                           |                               |

|                |                         |   |   |    |   |                                 |   |   |   |                        |
|----------------|-------------------------|---|---|----|---|---------------------------------|---|---|---|------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 11 | J | 01                              | P | N | L | Delivered W/O Contacts |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   | ORIENTATION : N                 |   |   |   |                        |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   | CONTACT TYPE : PIN(500 Matings) |   |   |   |                        |
| SHELL SIZE :   | 11                      |   |   |    |   | CONTACT LAYOUT : 11-01          |   |   |   |                        |
| PLATING :      | J = Olive drab Cadmium  |   |   |    |   |                                 |   |   |   |                        |

Contact Layout

01



1#12

| 11-01 |   |   |
|-------|---|---|
| Ctc   | X | Y |
| A     | 0 | 0 |

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| FORMAT         | <b>SOURIAU DRG N° 8D511J01PNL-C</b> |                                | SHEET<br>2/2  |