



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Passivated
- 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 : 500 hours
- Mass : 40.3 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 25 Max   |
| Z                   | 31 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: 8D511K02BD**

|   |                                    |                                |                               |
|---|------------------------------------|--------------------------------|-------------------------------|
| A   | 16-10-2016                         | First Release                  |                               |
| ISS   | DATE                               | Latest modification - by       | MOD N°                        |
| Designed By:  |                                    | Date:                          | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>  |                                    | Stainless Steel Plug 8D series |                               |
| SCALE   | NA                                 | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b> |
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| FORMAT  | <b>SOURIAU DRG N° 8D511K02BD-C</b> |                                | SHEET<br>1/2                  |

|                |                         |   |   |    |   |    |   |   |                                    |
|----------------|-------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 11 | K | 02 | B | D | ORIENTATION : D                    |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 11-02             |
| SHELL SIZE :   | 11                      |   |   |    |   |    |   |   |                                    |
| PLATING :      | K = Passivated          |   |   |    |   |    |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 11-2) |                  |               |
|---------------------------------------|------------------|---------------|
| Contact position ID                   | Contact location |               |
|                                       | X-axis (mm)      | Y-axis (mm)   |
| A                                     | +0.095 (2.41)    | +0.000 (0.00) |
| B                                     | -0.095 (2.41)    | +0.000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location |
|------------|-----------------|--------------------|---------------|----------------|------------------|
| 11         | -2              | 2                  | 16            | I              | All              |

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| SCALE          |                                       | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                       | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D511K02BD-C</b>    |                            | SHEET<br>2/2  |