

H G F E D C B A

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1



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 12.8 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: 8D511X22SBL**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 18-10-2016 | 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> |
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| FORMAT  | <b>SOURIAU DRG N° 8D511X22SBL-C</b> |                                | SHEET<br>1/2                  |

|                |                         |   |   |    |   |    |   |   |   |                                    |
|----------------|-------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 11 | X | 22 | S | B | L | Delivered W/O Contacts             |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   |   | ORIENTATION : B                    |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE :   | 11                      |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 11-22             |
| PLATING :      | X = Without Plating     |   |   |    |   |    |   |   |   |                                    |

H G F E D C B A

Contact Layout

22\*



4#22D

| 11-22 |        |        |
|-------|--------|--------|
| Ctc   | X      | Y      |
| A     | 1.905  | 1.905  |
| B     | 1.905  | -1.905 |
| C     | -1.905 | -1.905 |
| D     | -1.905 | 1.905  |

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| FORMAT         | <b>SOURIAU DRG N° 8D511X22SBL-C</b> |                            | SHEET<br>2/2  |