



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Nickel
- 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 +200°C
- Salt Spray : 500 hours
- Mass : 54 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 29.4 Max |
| Z                   | 31 Max   |
| VV THREAD           | M18x1-6g |

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: 8D513S04SAL**

|                |                                       |                                |   |
|----------------|---------------------------------------|--------------------------------|---|
| A              | 18-10-2016                            | First Release                  |   |
| ISS            | DATE                                  | Latest modification - by       | MOD N°  |
| Designed By:   |                                       | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Stainless Steel Plug 8D series</b> |                                |   |
| SCALE          | NA                                    | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
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| FORMAT         | <b>A3</b>                             |                                | <b>SOURIAU DRG N° 8D513S04SAL-C</b>   |
|                |                                       |                                | SHEET<br>1/2  |

|                |                         |   |   |    |   |    |   |   |   |                                    |
|----------------|-------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 13 | S | 04 | S | A | L | Delivered W/O Contacts             |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   |   | ORIENTATION : A                    |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE :   | 13                      |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 13-04             |
| PLATING :      | S = Nickel              |   |   |    |   |    |   |   |   |                                    |

H G F E D C B A

Contact Layout



| Contact position ID | Location    |             |
|---------------------|-------------|-------------|
|                     | X-axis (mm) | Y-axis (mm) |
| A                   | +000 (0.00) | +150 (3.81) |
| B                   | +146 (3.71) | +035 (0.89) |
| C                   | +000 (0.00) | -083 (2.11) |
| D                   | -146 (3.71) | +035 (0.89) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -4              | 4                  | 16            | I              | All              | MS20051-4  |

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| FORMAT         | <b>SOURIAU DRG N° 8D513S04SAL-C</b>   |                            | SHEET 2/2   |

H G F E D C B A