



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

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 41.7 Max |
| Z                   | 31 Max   |
| VV THREAD           | M31x1-6g |

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: 8D521S72PAL**

|     |            |                          |        |
|-----|------------|--------------------------|--------|
| A   | 08-10-2016 | First Release            |        |
| ISS | DATE       | Latest modification - by | MOD N° |

Designed By: \_\_\_\_\_ Date: \_\_\_\_\_ **CUSTOMER DRAWING**

| TITLE | Stainless Steel Plug 8D series |  |  |
|-------|--------------------------------|--|--|
|-------|--------------------------------|--|--|

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

|                |                        |   |  |
|----------------|------------------------|---|--|
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|           |                                     |  |            |
|-----------|-------------------------------------|--|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D521S72PAL-C</b> |  | SHEET      |
| <b>A3</b> |                                     |  | <b>1/2</b> |

|                |                         |   |   |    |   |                                 |   |   |   |                        |
|----------------|-------------------------|---|---|----|---|---------------------------------|---|---|---|------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 21 | S | 72                              | P | A | L | Delivered W/O Contacts |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   | ORIENTATION : A                 |   |   |   |                        |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   | CONTACT TYPE : PIN(500 Matings) |   |   |   |                        |
| SHELL SIZE :   | 21                      |   |   |    |   | CONTACT LAYOUT : 21-72          |   |   |   |                        |
| PLATING :      | S = Nickel              |   |   |    |   |                                 |   |   |   |                        |

Contact Layout

72



2#4 Power  
6#16

| 21-72 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 6.19  |
| B     | 8.5   | 4.3   |
| C     | 6.25  | 0     |
| D     | 8.5   | -4.3  |
| E     | 0     | -6.19 |
| F     | -8.5  | -4.3  |
| G     | -6.25 | 0     |
| H     | -8.5  | 4.3   |

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| Designed By:   |                                       | Date:                      | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Stainless Steel Plug 8D series</b> |                            |   |
| SCALE          |                                       | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                       | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D521S72PAL-C</b>   |                            | SHEET<br>2/2  |