



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc 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 +175°C
- Salt Spray : 500 hours

| 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: 8D513Z03PAL**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 19-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|              |                          |  |  |
|--------------|--------------------------|--|--|
| <b>TITLE</b> | Aluminium Plug 8D series |  |  |
|--------------|--------------------------|--|--|

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

|                |                        |   |
|----------------|------------------------|---|
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|           |                                     |  |            |
|-----------|-------------------------------------|--|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D513Z03PAL-C</b> |  | SHEET      |
| <b>A3</b> |                                     |  | <b>1/2</b> |

|                |                         |   |   |    |                                 |    |   |   |   |                        |
|----------------|-------------------------|---|---|----|---------------------------------|----|---|---|---|------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 13 | Z                               | 03 | 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 :   | 13                      |   |   |    | CONTACT LAYOUT : 13-03          |    |   |   |   |                        |
| PLATING :      | Z = Black Zinc Nickel   |   |   |    |                                 |    |   |   |   |                        |

Contact Layout

**03**



3#16

| 13-03 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 2.39  | 1.47  |
| B     | 0     | -2.79 |
| C     | -2.39 | 1.47  |

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| FORMAT         | <b>SOURIAU DRG N° 8D513Z03PAL-C</b> |                            | SHEET<br>2/2  |