

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 24.82 g ± 10%

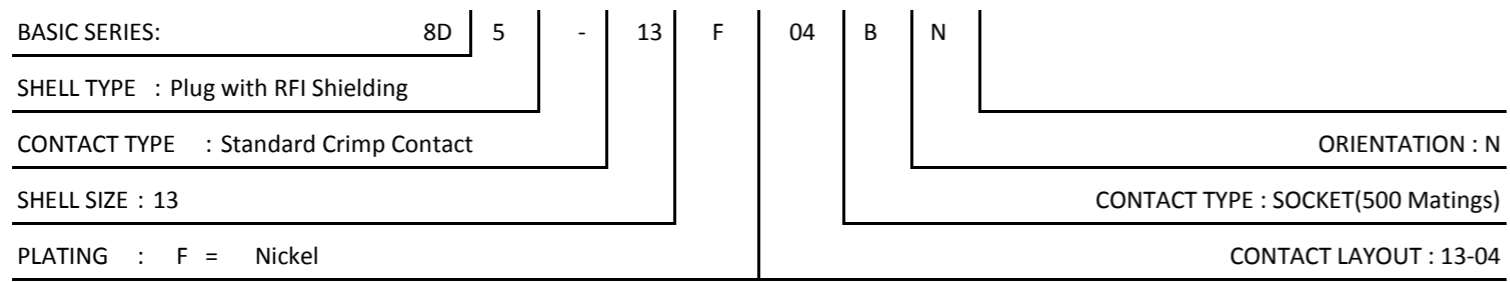
| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 29.4 Max |
| Z                   | 31 Max   |
| VV THREAD           | M18x1-6g |

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                  |

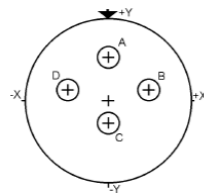
**PN: 8D513F04BN**

|                     |            |                                       |                               |
|---------------------|------------|---------------------------------------|-------------------------------|
| A                   | 17-10-2016 | First Release                         |                               |
| ISS                 | DATE       | Latest modification - by              | MOD N°                        |
| Designed By:        |            | Date:                                 | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>        |            | Aluminium Plug 8D series              |                               |
| SCALE               | NA         | General linear Tolerances: ±--        | NPRDS / PROJECT<br><b>859</b> |
| <b>SOURIAU</b>      |            | WWW.SOURIAU.COM                       |                               |
| FORMAT<br><b>A3</b> |            | SOURIAU DRG N°<br><b>8D513F04BN-C</b> |                               |
|                     |            | SHEET<br>1/2                          |                               |



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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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| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D513F04BN-C</b> |                            | SHEET 2/2   |