

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Olive drab Cadmium
- 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 +175°C
- Salt Spray : 2000 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 29.4 Max |
| Z'                  | 31.5 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                  |

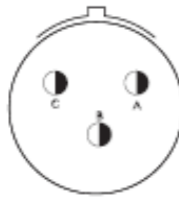
**PN: 8D513J03HD**

|   |                                    |                                 |                               |
|---|------------------------------------|---------------------------------|-------------------------------|
| A   | 17-10-2016                         | First Release                   |                               |
| ISS   | DATE                               | Latest modification - by        | MOD N°                        |
| Designed By:  |                                    | Date:                           | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>  |                                    | <b>Composite Plug 8D series</b> |                               |
| SCALE   | NA                                 | General linear Tolerances: ±--  | NPRDS / PROJECT<br><b>859</b> |
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| FORMAT  | <b>SOURIAU DRG N° 8D513J03HD-C</b> |                                 | SHEET<br>1/2                  |

|                |                         |   |   |    |   |    |   |   |                                   |
|----------------|-------------------------|---|---|----|---|----|---|---|-----------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 13 | J | 03 | H | D | ORIENTATION : D                   |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : PIN (1500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-03            |
| SHELL SIZE :   | 13                      |   |   |    |   |    |   |   |                                   |
| PLATING :      | J = Olive drab Cadmium  |   |   |    |   |    |   |   |                                   |

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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| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D513J03HD-C</b> |                            | SHEET<br>2/2  |