

H G F E D C B A



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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
- Mass : 42.4 g ± 10%

| 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: 8D521X48AD**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 11-10-2016 | 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 |  | General linear Tolerances: ±-- | NPRDS / PROJECT |
| NA    |  |                                | <b>859</b>      |

|                |                        |   |
|----------------|------------------------|---|
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|----------------|------------------------|---|

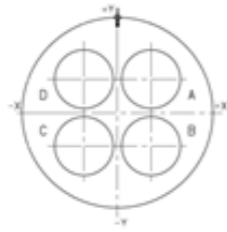
|           |                                    |            |
|-----------|------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D521X48AD-C</b> | SHEET      |
| <b>A3</b> |                                    | <b>1/2</b> |

|                |                         |   |   |    |   |    |   |   |                                 |
|----------------|-------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 21 | X | 48 | A | D | ORIENTATION : D                 |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 21-48          |
| SHELL SIZE :   | 21                      |   |   |    |   |    |   |   |                                 |
| PLATING :      | X = Without Plating     |   |   |    |   |    |   |   |                                 |

H G F E D C B A

Contact Layout

**48**



4#8 Power

| 21-48 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 4.57  | 4.57  |
| B     | 4.57  | -4.57 |
| C     | -4.57 | -4.57 |
| D     | -4.57 | 4.57  |

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| <b>TITLE</b>   | <b>Composite Plug 8D series</b>    |                            |   |
| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D521X48AD-C</b> |                            | SHEET 2/2   |