



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours
- Mass : 48.8 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 48 Max   |
| Z'                  | 31.5 Max |
| VV THREAD           | M37x1-6g |

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: 8D525J08SNL**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 06-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

**TITLE** Composite Plug 8D series

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

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|           |                                     |  |            |
|-----------|-------------------------------------|--|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D525J08SNL-C</b> |  | SHEET      |
| <b>A3</b> |                                     |  | <b>1/2</b> |

BASIC SERIES: 8D 5 - 25 J 08 S N L

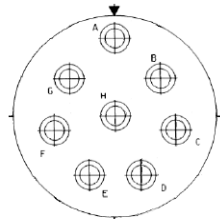
SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : N

SHELL SIZE : 25 CONTACT TYPE : SOCKET(500 Matings)

PLATING : J = Olive drab Cadmium CONTACT LAYOUT : 25-08

Contact Layout



Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-10.)

| Contact position ID | Contact location |              |
|---------------------|------------------|--------------|
|                     | X-axis (mm)      | Y-axis (mm)  |
| A                   | +000 (0.00)      | +426 (10.82) |
| B                   | +333 (8.46)      | +266 (6.76)  |
| C                   | +415 (10.54)     | -095 (2.41)  |
| D                   | +185 (4.70)      | -384 (9.75)  |
| E                   | -185 (4.70)      | -384 (9.75)  |
| F                   | -415 (10.54)     | -095 (2.41)  |
| G                   | -333 (8.46)      | +266 (6.76)  |
| H                   | +000 (0.00)      | +000 (0.00)  |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Standard contact |               |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------------|---------------|
|            |                 |                    |               |                |                  | Pin              | Socket        |
| 25         | -8              | 8                  | 8             | Twinax         | All              | M39029/90-529    | M39029/91-530 |

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| 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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