

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 41.3 Max |
| Z                   | 31.5 Max |
| VV THREAD           | M37x1-6g |

**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

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.)

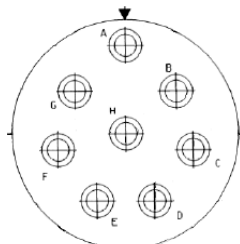
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D125F08PB**

|                |                                    |                                |   |
|----------------|------------------------------------|--------------------------------|---|
| A              | 22-09-2016                         | First Release                  |   |
| ISS            | DATE                               | Latest modification - by       | MOD N°  |
| Designed By:   |                                    | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | Aluminium Inline plug 8D series    |                                |   |
| SCALE          |                                    | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
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| FORMAT         | <b>SOURIAU DRG N° 8D125F08PB-C</b> |                                | SHEET<br>1/2  |
| <b>A3</b>      |                                    |                                |   |

|                |                        |   |   |    |   |    |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 25 | F | 08 | P | B | ORIENTATION : B                 |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 25-08          |
| SHELL SIZE :   | 25                     |   |   |    |   |    |   |   |                                 |
| PLATING :      | F = Nickel             |   |   |    |   |    |   |   |                                 |

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 (10.62) |
| 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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