



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: 8D125F11BB**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| 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>   |
| NA           | <b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a> |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT       | <b>A3</b>   |                                | <b>SOURIAU DRG N° 8D125F11BB-C</b> SHEET 1/2  |

|                |                        |   |   |    |   |    |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 25 | F | 11 | B | B | ORIENTATION : B                    |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 25-11             |
| SHELL SIZE :   | 25                     |   |   |    |   |    |   |   |                                    |
| PLATING :      | F = Nickel             |   |   |    |   |    |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 25-11) |              |              |                     |              |             |
|--|--------------|--------------|---------------------|--------------|-------------|
| Contact position ID                    | Location     |              | Contact position ID | Location     |             |
|  | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm)  | Y-axis (mm) |
| A                                      | -000 (0.00)  | -431 (10.95) | G                   | -431 (10.95) | -000 (0.00) |
| B                                      | +304 (7.72)  | +304 (7.72)  | H                   | -304 (7.72)  | +304 (7.72) |
| C                                      | +431 (10.95) | +000 (0.00)  | J                   | +000 (0.00)  | +102 (2.59) |
| D                                      | +304 (7.72)  | -304 (7.72)  | K                   | +092 (2.34)  | -160 (4.06) |
| E                                      | +000 (0.00)  | -431 (10.95) | L                   | -092 (2.34)  | -160 (4.06) |
| F                                      | -304 (7.72)  | -304 (7.72)  | ---                 | ---          | ---         |

- NOTES:  
 1. All dimensions are true position.  
 2. Front face of pin insert shown.

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location      |
|------------|-----------------|--------------------|---------------|----------------|-----------------------|
| 25         | -11             | 9                  | 10            | N              | A,B,C,D,E,F,<br>G,H,J |
|            |                 | 2                  | 20            |                | L,K                   |

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| FORMAT         | <b>SOURIAU DRG N° 8D125F11BB-C</b> |                            | SHEET<br>2/2  |