

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |           |
|---------------------|-----------|
| Dim                 | Nominal   |
| F                   | 22.25 Max |
| Z                   | 31.5 Max  |
| VV THREAD           | M18x1-6g  |

**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                  |

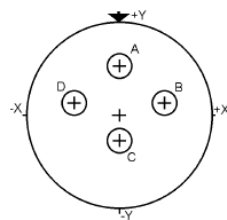
**PN: 8D113F04PB**

|                     |                                    |                                |   |
|---------------------|------------------------------------|--------------------------------|---|
| A                   | 27-09-2016                         | 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<br><b>A3</b> | <b>SOURIAU DRG N° 8D113F04PB-C</b> |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 13 | F | 04 | P | B | ORIENTATION : B                 |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-04          |
| SHELL SIZE :   | 13                     |   |   |    |   |    |   |   |                                 |
| PLATING :      | F = Nickel             |   |   |    |   |    |   |   |                                 |

4  
3  
2  
1

**Contact Layout**



| Contacts<br>(Insert arrangement 13-4) |             |             |
|---------------------------------------|-------------|-------------|
| Contact position ID                   | Location    |             |
|                                       | X-axis (mm) | Y-axis (mm) |
| A                                     | +000 (0.00) | +150 (3.81) |
| B                                     | +146 (3.71) | +035 (0.89) |
| C                                     | +000 (0.00) | -083 (2.11) |
| D                                     | -146 (3.71) | +035 (0.89) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -4              | 4                  | 16            | I              | All              | MS20051-4  |

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