

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |           |
|---------------------|-----------|
| Dim                 | Nominal   |
| F                   | 19.05 Max |
| Z                   | 31.5 Max  |
| VV THREAD           | M15x1-6g  |

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc 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 +175°C
- Salt Spray : 500 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                  |

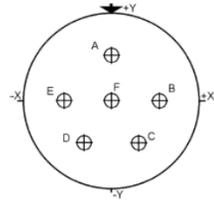
**PN: 8D111Z98AD**

|                |                                    |                                |   |
|----------------|------------------------------------|--------------------------------|---|
| 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         | <b>SOURIAU DRG N° 8D111Z98AD-C</b> |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 11 | Z | 98 | A | D                               |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |                                 |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |                                 |
| SHELL SIZE :   | 11                     |   |   |    |   |    |   |                                 |
| PLATING :      | Z = Black Zinc Nickel  |   |   |    |   |    |   |                                 |
|                |                        |   |   |    |   |    |   | ORIENTATION : D                 |
|                |                        |   |   |    |   |    |   | CONTACT TYPE : PIN(500 Matings) |
|                |                        |   |   |    |   |    |   | CONTACT LAYOUT : 11-98          |

4  
3  
2  
1

**Contact Layout**



| Contacts<br>(Insert arrangement 11-98) |                  |             |
|--|------------------|-------------|
| Contact position ID                    | Contact location |             |
|  | X-axis (mm)      | Y-axis (mm) |
| A                                      | +000 (0.00)      | +130 (3.30) |
| B                                      | +130 (3.30)      | +000 (0.00) |
| C                                      | +065 (1.65)      | -113 (2.87) |
| D                                      | -065 (1.65)      | -113 (2.87) |
| E                                      | -130 (3.30)      | +000 (0.00) |
| F                                      | +000 (0.00)      | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 11         | -98             | 6                  | 20            | I              | All              | MS20050-98 |

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| FORMAT         | <b>SOURIAU DRG N°<br/>8D111Z98AD-C</b> |                                | SHEET<br>2/2   |