

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 : 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 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.)

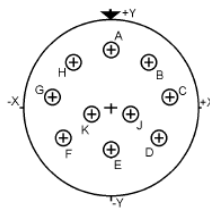
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D113W98AN**

|                |                                    |                                |                                                                                                       |
|----------------|------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
| 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 <b>859</b>                                                                            |
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| FORMAT         | <b>SOURIAU DRG N° 8D113W98AN-C</b> |                                | SHEET 1/2                                                                                             |

|                |                        |   |   |    |   |    |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 13 | W | 98 | A | N | ORIENTATION : N                 |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-98          |
| SHELL SIZE :   | 13                     |   |   |    |   |    |   |   |                                 |
| PLATING :      | W = Olive drab Cadmium |   |   |    |   |    |   |   |                                 |

Contact Layout



| Contacts<br>(Insert arrangement 13-98) |             |             |
|----------------------------------------|-------------|-------------|
| Contact position ID                    | Location    |             |
|                                        | X-axis (mm) | Y-axis (mm) |
| A                                      | +000 (0.00) | +195 (4.95) |
| B                                      | +125 (3.18) | +150 (3.81) |
| C                                      | +193 (4.90) | +030 (0.76) |
| D                                      | +104 (4.17) | -105 (2.67) |
| E                                      | +000 (0.00) | -135 (3.43) |
| F                                      | -164 (4.17) | -105 (2.67) |
| G                                      | -193 (4.90) | +030 (0.76) |
| H                                      | -125 (3.18) | +150 (3.81) |
| J                                      | +065 (1.65) | -015 (0.38) |
| K                                      | -065 (1.65) | -015 (0.38) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -98             | 10                 | 20            | I              | All              | MS20051-98 |

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| FORMAT         | <b>SOURIAU DRG N° 8D113W98AN-C</b> |                                | SHEET<br>2/2                                                                                             |