

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 25.4 Max |
| Z                   | 31.5 Max |
| VV THREAD           | M22x1-6g |

**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.)

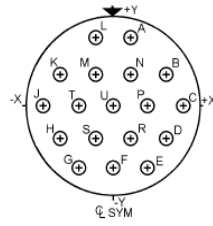
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D115W18SB**

|                  |                                    |                                 |   |
|------------------|------------------------------------|---------------------------------|---|
| 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>  |
| NA               |                                    |                                 | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| <b>SOURIAU</b>   | <b>WWW.SOURIAU.COM</b>             |                                 |   |
| FORMAT <b>A3</b> | <b>SOURIAU DRG N° 8D115W18SB-C</b> |                                 | SHEET 1/2   |

|                |                        |   |   |    |   |    |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 15 | W | 18 | S | B | ORIENTATION : B                    |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 15-18             |
| SHELL SIZE :   | 15                     |   |   |    |   |    |   |   |                                    |
| PLATING :      | W = Olive drab Cadmium |   |   |    |   |    |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 15-18) |             |             |                     |             |             |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|  | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +065 (1.65) | +252 (6.40) | K                   | -195 (4.95) | +113 (2.87) |
| B                                      | +195 (4.95) | +113 (2.87) | L                   | -065 (1.65) | +252 (6.40) |
| C                                      | +260 (6.60) | +000 (0.00) | M                   | -065 (1.65) | +113 (2.87) |
| D                                      | +195 (4.95) | -113 (2.87) | N                   | +065 (1.65) | +113 (2.87) |
| E                                      | +130 (3.30) | -225 (5.72) | P                   | +130 (3.30) | +000 (0.00) |
| F                                      | +000 (0.00) | -225 (5.72) | R                   | +065 (1.65) | -113 (2.87) |
| G                                      | -130 (3.30) | -225 (5.72) | S                   | -065 (1.65) | -113 (2.87) |
| H                                      | -195 (4.95) | -113 (2.87) | T                   | -130 (3.30) | +000 (0.00) |
| J                                      | -260 (6.60) | +000 (0.00) | U                   | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -18             | 18                 | 20            | I              | All              | MS20052-18 |

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| FORMAT         | <b>SOURIAU DRG N°<br/>8D115W18SB-C</b> |                                | SHEET<br>2/2   |