



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**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
- Mass : 26.04 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 32.5 Max |
| Z                   | 31 Max   |
| VV THREAD           | M22x1-6g |

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: 8D515W05PB**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 19-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|                |                         |   |   |    |   |    |   |   |                                 |
|----------------|-------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 15 | W | 05 | P | B | ORIENTATION : B                 |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   | CONTACT LAYOUT : 15-05          |
| SHELL SIZE :   | 15                      |   |   |    |   |    |   |   |                                 |
| PLATING :      | W = Olive drab Cadmium  |   |   |    |   |    |   |   |                                 |

|                |                          |                                |   |
|----------------|--------------------------|--------------------------------|---|
| <b>TITLE</b>   | Aluminium Plug 8D series |                                |   |
| SCALE          | NA                       | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
| <b>SOURIAU</b> | WWW.SOURIAU.COM          |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT         | <b>A3</b>                |                                | SOURIAU DRG N°<br><b>8D515W05PB-C</b>   |
|                |                          |                                | SHEET<br>1/2  |

Contact Layout



| Contacts<br>(Insert arrangement 15-5) |             |             |
|---------------------------------------|-------------|-------------|
| Contact position ID                   | Location    |             |
|                                       | X-axis (mm) | Y-axis (mm) |
| A                                     | +000 (0.00) | +100 (2.54) |
| B                                     | +174 (4.42) | +024 (0.61) |
| C                                     | +094 (2.39) | -148 (3.76) |
| D                                     | -094 (2.39) | -148 (3.76) |
| E                                     | -174 (4.42) | +024 (0.61) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -5              | 5                  | 16            | II             | All              | MS20052-5  |

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: 8D515W05PB

|                |                                    |                            |   |
|----------------|------------------------------------|----------------------------|---|
| A              | 19-10-2016                         | First Release              |   |
| ISS            | DATE                               | Latest modification - by   | MOD N°  |
| Designed By:   |                                    | Date:                      | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | Aluminium Plug 8D series           |                            |   |
| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
| <b>SOURIAU</b> | <b>WWW.SOURIAU.COM</b>             |                            | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT         | <b>SOURIAU DRG N° 8D515W05PB-C</b> |                            | SHEET 2/2   |