



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**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
- Mass : 31.38 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: 8D515Z05SN**

|   |  |                                |                               |
|---|--|--------------------------------|-------------------------------|
| 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   | NA                                     | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b> |
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| FORMAT  | <b>SOURIAU DRG N°<br/>8D515Z05SN-C</b> |                                | SHEET<br>1/2                  |

|                |                         |   |   |    |   |    |                                    |   |
|----------------|-------------------------|---|---|----|---|----|------------------------------------|---|
| BASIC SERIES:  | 8D                      | 5 | - | 15 | Z | 05 | S                                  | N |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |                                    |   |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |                                    |   |
| SHELL SIZE :   | 15                      |   |   |    |   |    |                                    |   |
| PLATING :      | Z = Black Zinc Nickel   |   |   |    |   |    |                                    |   |
|                |                         |   |   |    |   |    | ORIENTATION : N                    |   |
|                |                         |   |   |    |   |    | CONTACT TYPE : SOCKET(500 Matings) |   |
|                |                         |   |   |    |   |    | CONTACT LAYOUT : 15-05             |   |

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  |

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| <b>TITLE</b>   | Aluminium Plug 8D series           |                            |   |
| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D515Z05SN-C</b> |                            | SHEET 2/2   |