



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 : 46.6 g ± 10%

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 35.7 Max |
| Z                   | 31 Max   |
| VV THREAD           | M25x1-6g |

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: 8D517Z75SC**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 18-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|              |                                 |  |  |
|--------------|---------------------------------|--|--|
| <b>TITLE</b> | <b>Aluminium Plug 8D series</b> |  |  |
|--------------|---------------------------------|--|--|

|       |  |                                |                 |
|-------|--|--------------------------------|-----------------|
| SCALE |  | General linear Tolerances: ±-- | NPRDS / PROJECT |
| NA    |  |                                | <b>859</b>      |

|                |                        |   |
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|           |                                    |            |
|-----------|------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D517Z75SC-C</b> | SHEET      |
| <b>A3</b> |                                    | <b>1/2</b> |

|                |                         |                   |   |    |   |    |   |   |                  |                     |
|----------------|-------------------------|-------------------|---|----|---|----|---|---|------------------|---------------------|
| BASIC SERIES:  | 8D                      | 5                 | - | 17 | Z | 75 | S | C | ORIENTATION : C  |                     |
| SHELL TYPE :   | Plug with RFI Shielding |                   |   |    |   |    |   |   |                  |                     |
| CONTACT TYPE : | Standard Crimp Contact  |                   |   |    |   |    |   |   |                  |                     |
| SHELL SIZE :   | 17                      |                   |   |    |   |    |   |   |                  |                     |
| PLATING :      | Z =                     | Black Zinc Nickel |   |    |   |    |   |   | CONTACT TYPE :   | SOCKET(500 Matings) |
|                |                         |                   |   |    |   |    |   |   | CONTACT LAYOUT : | 17-75               |

Contact Layout

75



2#8 Triax

| 17-75 |   |       |
|-------|---|-------|
| Ctc   | X | Y     |
| A     | 0 | 4.75  |
| B     | 0 | -4.75 |

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| FORMAT         | <b>SOURIAU DRG N° 8D517Z75SC-C</b> |                            | SHEET 2/2   |