



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours
- Mass : 25.94 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: 8D517Z06PNL**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 18-10-2016 | 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>      |

|                |                        |   |
|----------------|------------------------|---|
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|           |                                     |            |
|-----------|-------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D517Z06PNL-C</b> | SHEET      |
| <b>A3</b> |                                     | <b>1/2</b> |

|                |                         |   |   |    |   |                                 |   |   |   |                        |
|----------------|-------------------------|---|---|----|---|---------------------------------|---|---|---|------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 17 | Z | 06                              | P | N | L | Delivered W/O Contacts |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   | ORIENTATION : N                 |   |   |   |                        |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   | CONTACT TYPE : PIN(500 Matings) |   |   |   |                        |
| SHELL SIZE :   | 17                      |   |   |    |   | CONTACT LAYOUT : 17-06          |   |   |   |                        |
| PLATING :      | Z = Black Zinc Nickel   |   |   |    |   |                                 |   |   |   |                        |

Contact Layout



| Contacts<br>(Insert arrangement 17-6) |             |             |
|---------------------------------------|-------------|-------------|
| Contact position ID                   | Location    |             |
|                                       | X-axis (mm) | Y-axis (mm) |
| A                                     | +121 (3.07) | +209 (5.31) |
| B                                     | +241 (6.12) | +000 (0.00) |
| C                                     | +000 (0.00) | -241 (6.12) |
| D                                     | -241 (6.12) | +000 (0.00) |
| E                                     | -121 (3.07) | +209 (5.31) |
| F                                     | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 17         | -6              | 6                  | 12            | I              | All              | MS20053-6  |

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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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