



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : 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 +200°C
- Salt Spray : 48 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 48 Max   |
| Z                   | 31 Max   |
| VV THREAD           | M37x1-6g |

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

**PN: 8D525F17PBL**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 06-10-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|                |                         |   |   |    |   |    |   |   |   |                                 |
|----------------|-------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES:  | 8D                      | 5 | - | 25 | F | 17 | P | B | L | Delivered W/O Contacts          |
| SHELL TYPE :   | Plug with RFI Shielding |   |   |    |   |    |   |   |   | ORIENTATION : B                 |
| CONTACT TYPE : | Standard Crimp Contact  |   |   |    |   |    |   |   |   | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE :   | 25                      |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 25-17          |
| PLATING :      | F = Nickel              |   |   |    |   |    |   |   |   |                                 |

|                |                          |                                |   |
|----------------|--------------------------|--------------------------------|---|
| <b>TITLE</b>   | Aluminium Plug 8D series |                                |   |
| SCALE          | NA                       | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
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| FORMAT         | <b>A3</b>                |                                | SOURIAU DRG N°<br><b>8D525F17PBL-C</b>  |
|                |                          |                                | SHEET<br>1/2  |

Contact Layout

17



36#22D  
6#8 Triax

| 25-17 |        |        |     |        |        |
|-------|--------|--------|-----|--------|--------|
| Ctc   | X      | Y      | Ctc | X      | Y      |
| A     | 0      | 11.1   | Y   | -6.02  | -10.64 |
| B     | 5.69   | 13.16  | Z   | -12.24 | 0      |
| C     | 8.36   | 11.66  | a   | -6.02  | 10.64  |
| D     | 9.52   | 5.71   | b   | -3.5   | 6.17   |
| E     | 14.25  | 1.52   | c   | 0      | 5.08   |
| F     | 14.25  | -1.52  | d   | 3.5    | 6.17   |
| G     | 9.52   | -5.71  | e   | 4.59   | 2.54   |
| H     | 8.36   | -11.66 | f   | 5.66   | 0      |
| J     | 5.69   | -13.16 | g   | 4.39   | -2.54  |
| K     | 0      | -11.1  | h   | 3.5    | -6.17  |
| L     | -5.69  | -13.16 | j   | 0      | -5.08  |
| M     | -8.36  | -11.66 | k   | -3.5   | -6.17  |
| N     | -9.52  | -5.71  | m   | -4.39  | -2.54  |
| P     | -14.25 | -1.52  | n   | -5.66  | 0      |
| R     | -14.25 | 1.52   | p   | -4.39  | 2.54   |
| S     | -9.52  | 5.71   | r   | -1.85  | 2.54   |
| T     | -8.36  | 11.66  | s   | 1.85   | 2.54   |
| U     | -5.69  | 13.16  | t   | 3.12   | 0      |
| V     | 6.02   | 10.64  | u   | 1.85   | -2.54  |
| W     | 12.24  | 0      | v   | -1.85  | -2.54  |
| X     | 6.02   | -10.64 | w   | -3.12  | 0      |

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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° 8D525F17PBL-C</b> |                            | SHEET 2/2   |