



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

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| ØS                  | 41.7 Max |
| Z                   | 31 Max   |
| VV THREAD           | M31x1-6g |

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: 8D521W77PN**

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

**TITLE** Aluminium Plug 8D series

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

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|           |                                    |  |       |
|-----------|------------------------------------|--|-------|
| FORMAT    | <b>SOURIAU DRG N° 8D521W77PN-C</b> |  | SHEET |
| <b>A3</b> |                                    |  | 1/2   |

BASIC SERIES: 8D 5 - 21 W 77 P N

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 21

PLATING : W = Olive drab Cadmium

ORIENTATION : N

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-77

Contact Layout

**77**



17#22D  
2#8 Triax

| 21-77 |        |       |
|-------|--------|-------|
| Ctc   | X      | Y     |
| A     | 1.96   | 8.38  |
| B     | 5.46   | 7.67  |
| C     | 8.51   | 5.79  |
| D     | 10.46  | 2.82  |
| E     | 10.46  | -2.82 |
| F     | 8.51   | -5.79 |
| G     | 5.46   | -7.67 |
| H     | 1.96   | -8.38 |
| J     | 0      | -5.41 |
| K     | -1.96  | -8.38 |
| L     | -5.46  | -7.67 |
| M     | -8.51  | -5.79 |
| N     | -10.46 | -2.82 |
| P     | -10.46 | 2.82  |
| R     | -8.51  | 5.79  |
| S     | -5.46  | 7.67  |
| T     | -1.96  | 8.38  |
| U     | -4.57  | 0     |
| V     | 4.57   | 0     |

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