



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 without Souriau contacts
- 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: 8D521W72PNL

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

| | | | |
|--------------|---------------------------------|--|--|
| TITLE | Aluminium Plug 8D series | | |
|--------------|---------------------------------|--|--|

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

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|-----------|-------------------------------------|------------|
| FORMAT | SOURIAU DRG N° 8D521W72PNL-C | SHEET |
| A3 | | 1/2 |

| | | | | | | | | | | |
|----------------|-------------------------|---|---|----|---|---------------------------------|---|---|---|------------------------|
| BASIC SERIES: | 8D | 5 | - | 21 | W | 72 | 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 : | 21 | | | | | CONTACT LAYOUT : 21-72 | | | | |
| PLATING : | W = Olive drab Cadmium | | | | | | | | | |

Contact Layout

72



2#4 Power
6#16

| 21-72 | | |
|-------|-------|-------|
| Ctc | X | Y |
| A | 0 | 6.19 |
| B | 8.5 | 4.3 |
| C | 6.25 | 0 |
| D | 8.5 | -4.3 |
| E | 0 | -6.19 |
| F | -8.5 | -4.3 |
| G | -6.25 | 0 |
| H | -8.5 | 4.3 |

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