



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 : 2000 hours
- Mass : 29.3 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 41.7 Max |
| Z' | 31.5 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: 8D521M48PCL

| | | | |
|---|-------------------------------------|--------------------------------|-------------------------------|
| A | 08-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | | Composite Plug 8D series | |
| SCALE | NA | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | SOURIAU DRG N° 8D521M48PCL-C | | SHEET 1/2 |

| | | | | | | | | | | |
|----------------|-------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES: | 8D | 5 | - | 21 | M | 48 | P | C | L | Delivered W/O Contacts |
| SHELL TYPE : | Plug with RFI Shielding | | | | | | | | | ORIENTATION : C |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE : | 21 | | | | | | | | | CONTACT LAYOUT : 21-48 |
| PLATING : | M = Nickel | | | | | | | | | |

Contact Layout

48



4#8 Power

| 21-48 | | |
|-------|-------|-------|
| Ctc | X | Y |
| A | 4.57 | 4.57 |
| B | 4.57 | -4.57 |
| C | -4.57 | -4.57 |
| D | -4.57 | 4.57 |

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