



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

| 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: 8D521M72SBL

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 08-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

TITLE Composite Plug 8D series

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

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| FORMAT | SOURIAU DRG N° 8D521M72SBL-C | | SHEET |
| A3 | | | 1/2 |

BASIC SERIES: 8D 5 - 21 M 72 S B L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : B

SHELL SIZE : 21 CONTACT TYPE : SOCKET(500 Matings)

PLATING : M = Nickel CONTACT LAYOUT : 21-72

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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