



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     |
| P                   | 3.25±0.2    |
| PP                  | 4.93±0.2    |
| R1                  | 26.97       |
| R2                  | 24.61       |
| S                   | 33.3±0.3    |
| V'                  | 19.5+1.4/-0 |
| W'                  | 2.1/3.65    |
| Z'                  | 32 Max      |
| VV THREAD           | M25x1-6g    |

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: 8D017M22SNL**

|              |          |                          |                         |
|--------------|----------|--------------------------|-------------------------|
| B            | 11-04-17 | Drawing Update           |                         |
| ISS          | DATE     | Latest modification - by | MOD N°                  |
| Designed By: |          | Date:                    | <b>CUSTOMER DRAWING</b> |

|              |                                       |  |  |
|--------------|---------------------------------------|--|--|
| <b>TITLE</b> | <b>Composite Receptacle 8D series</b> |  |  |
|--------------|---------------------------------------|--|--|

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

|                |                        |   |
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|           |                                     |            |
|-----------|-------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D017M22SNL-C</b> | SHEET      |
| <b>A3</b> |                                     | <b>1/2</b> |

BASIC SERIES: 8D 0 - 17 M 22 S N L

SHELL TYPE : Square Flange Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : N

SHELL SIZE : 17 CONTACT TYPE : SOCKET(500 Matings)

PLATING : M = Nickel CONTACT LAYOUT : 17-22

Contact Layout

22



2#12  
2#8 Triax

| 17-22 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 4.57  |
| B     | 6.32  | 0     |
| C     | 0     | -4.57 |
| D     | -6.32 | 0     |

Panel Cutout



Max. thickness panel for receptacle: Type 0: front mounting = 3.2 mm, rear mounting = 2.5 mm

| Dim | Nominal    |
|-----|------------|
| ØA  | 30.96 min  |
| ØAA | 25.81 min  |
| R1  | 26.97      |
| ØT  | 3.25 ±0.13 |

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| FORMAT         | <b>SOURIAU DRG N° 8D017M22SNL-C</b>   |                            | SHEET 2/2   |