



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         |
| A                   | 55.6±0.3        |
| B                   | 39.67+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 52.4±0.4        |
| W                   | 3+0.9/-0.1      |
| VV THREAD           | M34x1-6g        |

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: 8D723W32SNL**

|                |                                       |                                |   |
|----------------|---------------------------------------|--------------------------------|---|
| A              | 01-10-2016                            | First Release                  |   |
| ISS            | DATE                                  | Latest modification - by       | MOD N°  |
| Designed By:   |                                       | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Aluminium Receptacle 8D series</b> |                                |   |
| SCALE          | NA                                    | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
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| FORMAT         | <b>A3</b>                             |                                | <b>SOURIAU DRG N° 8D723W32SNL-C</b>   |
|                |                                       |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 23 | W | 32 | S | N | L | Delivered W/O Contacts             |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   |   | ORIENTATION : N                    |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE :   | 23                     |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 23-32             |
| PLATING :      | W = Olive drab Cadmium |   |   |    |   |    |   |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 23-32) |              |              |                     |             |             |
|--|--------------|--------------|---------------------|-------------|-------------|
| Contact position ID                    | Location     |              | Contact position ID | Location    |             |
|  | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +100 (2.54)  | +450 (11.43) | T                   | +325 (8.26) | +025 (0.64) |
| B                                      | +325 (8.26)  | +325 (8.26)  | U                   | +300 (7.62) | -125 (3.18) |
| C                                      | +425 (10.80) | +150 (3.81)  | V                   | +200 (5.08) | -250 (6.35) |
| D                                      | +450 (11.43) | -075 (1.91)  | W                   | +000 (0.00) | -300 (7.62) |
| E                                      | -375 (9.53)  | -275 (6.99)  | X                   | -200 (5.08) | -260 (6.35) |
| F                                      | +200 (5.08)  | -400 (10.16) | Y                   | -300 (7.62) | -125 (3.18) |
| G                                      | +000 (0.00)  | -450 (11.43) | Z                   | -325 (8.26) | +025 (0.64) |
| H                                      | -200 (5.08)  | -400 (10.16) | a                   | -250 (6.35) | +175 (4.45) |
| J                                      | -375 (9.53)  | -275 (6.99)  | b                   | -150 (3.81) | +300 (7.62) |
| K                                      | -450 (11.43) | -075 (1.91)  | c                   | +100 (2.54) | +150 (3.81) |
| L                                      | -425 (10.80) | +150 (3.81)  | d                   | +150 (3.81) | +000 (0.00) |
| M                                      | -325 (8.26)  | +325 (8.26)  | e                   | +075 (1.91) | -150 (3.81) |
| N                                      | -100 (2.54)  | +450 (11.43) | f                   | -075 (1.91) | -150 (3.81) |
| P                                      | +000 (0.00)  | +325 (8.26)  | g                   | -150 (3.81) | +000 (0.00) |
| R                                      | +150 (3.81)  | +300 (7.62)  | h                   | -100 (2.54) | +150 (3.81) |
| S                                      | +250 (6.35)  | +175 (4.45)  | j                   | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 23         | -32             | 32                 | 20            | I              | All              | MS20056-32 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 40.26+0/-0.25 |
| ØC  | 41.53+0.25/-0 |

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| FORMAT         | <b>SOURIAU DRG N° 8D723W32SNL-C</b> |                            | SHEET 2/2   |