



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

| Connector dimension |                 |
|---------------------|-----------------|
| Dim                 | Nominal         |
| A                   | 58.7±0.3        |
| B                   | 42.85+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 55.6±0.4        |
| W                   | 3+0.9/-0.1      |
| VV THREAD           | M37x1-6g        |

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: 8D725S29SN**

|              |                                                                     |                                |                                                                                                       |
|--------------|---------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
| A            | 04-10-2016                                                          | First Release                  |                                                                                                       |
| ISS          | DATE                                                                | Latest modification - by       | MOD N°                                                                                                |
| Designed By: |                                                                     | Date:                          | <b>CUSTOMER DRAWING</b>                                                                               |
| <b>TITLE</b> | <b>Stainless Steel Receptacle 8D series</b>                         |                                |                                                                                                       |
| SCALE        |                                                                     | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>                                                                         |
| NA           | <b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a> |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT       | <b>A3</b>                                                           |                                | <b>SOURIAU DRG N° 8D725S29SN-C</b>                                                                    |
|              |                                                                     |                                | SHEET<br>1/2                                                                                          |

|                |                        |   |   |    |   |    |   |                  |                     |
|----------------|------------------------|---|---|----|---|----|---|------------------|---------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 25 | S | 29 | S | N                | ORIENTATION : N     |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |                  |                     |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |                  |                     |
| SHELL SIZE :   | 25                     |   |   |    |   |    |   |                  |                     |
| PLATING :      | S = Nickel             |   |   |    |   |    |   |                  |                     |
|                |                        |   |   |    |   |    |   | CONTACT TYPE :   | SOCKET(500 Matings) |
|                |                        |   |   |    |   |    |   | CONTACT LAYOUT : | 25-29               |

Contact Layout



| Contacts<br>(Insert arrangement 25-29) |              |              |                     |             |             |
|----------------------------------------|--------------|--------------|---------------------|-------------|-------------|
| Contact position ID                    | Location     |              | Contact position ID | Location    |             |
|                                        | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +000 (0.00)  | +481 (12.22) | S                   | -091 (2.31) | +321 (8.15) |
| B                                      | +258 (6.55)  | +406 (10.31) | T                   | +091 (2.31) | +321 (8.15) |
| C                                      | +395 (10.03) | +277 (7.04)  | U                   | +228 (5.79) | +194 (4.93) |
| D                                      | +469 (11.91) | +109 (2.77)  | V                   | +319 (8.10) | +000 (0.00) |
| E                                      | -460 (11.01) | -100 (2.77)  | W                   | -240 (6.10) | -181 (4.60) |
| F                                      | +395 (10.03) | -277 (7.04)  | X                   | +091 (2.31) | -290 (7.37) |
| G                                      | +263 (6.68)  | -406 (10.31) | Y                   | -091 (2.31) | -290 (7.37) |
| H                                      | +091 (2.31)  | -472 (11.99) | Z                   | -240 (6.10) | -181 (4.60) |
| J                                      | -091 (2.31)  | -472 (11.99) | a                   | -319 (8.10) | +000 (0.00) |
| K                                      | -263 (6.68)  | -406 (10.31) | b                   | -228 (5.79) | +194 (4.93) |
| L                                      | -395 (10.03) | -277 (7.04)  | c                   | +000 (0.00) | +161 (4.09) |
| M                                      | -469 (11.91) | -109 (2.77)  | d                   | +134 (3.40) | +000 (0.00) |
| N                                      | -469 (11.91) | +109 (2.77)  | e                   | +000 (0.00) | -130 (3.30) |
| P                                      | -395 (10.03) | +277 (7.04)  | f                   | -134 (3.40) | +000 (0.00) |
| R                                      | -258 (6.55)  | +406 (10.31) | ---                 | ---         | ---         |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 25         | -29             | 29                 | 16            | I              | All              | MS20057-29 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 43.43+0/-0.25 |
| ØC  | 44.7+0.25/-0  |

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| NA             |                                             | ±--                        | <b>859</b>                                                                                            |
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| FORMAT         | <b>SOURIAU DRG N° 8D725S29SN-C</b>          |                            | SHEET 2/2                                                                                             |