



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours
- Mass : 101.3 g ± 10%

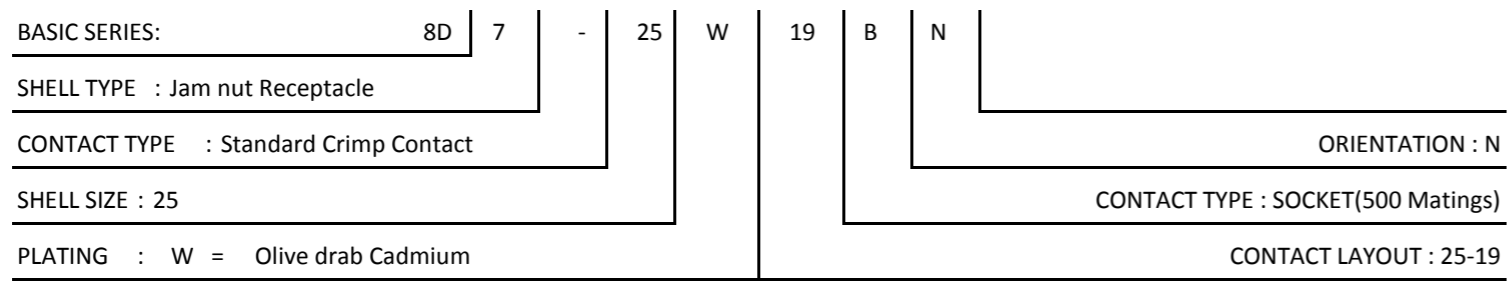
| Connector dimension |                 |
|---------------------|-----------------|
| Dim                 | Nominal         |
| A                   | 58.7±0.3        |
| B                   | 42.85+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 55.6±0.4        |
| W                   | 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: 8D725W19BN**

|                |                                       |  |                               |
|----------------|---------------------------------------|--|-------------------------------|
| A              | 05-10-2016                            | 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          |                                       | General linear Tolerances: ±--   | NPRDS / PROJECT<br><b>859</b> |
| NA             |                                       | This document is the property of SOURIAU<br>it must not be reproduced or communicated without permission |                               |
| <b>SOURIAU</b> | <b>WWW.SOURIAU.COM</b>                |  |                               |
| FORMAT         | <b>SOURIAU DRG N° 8D725W19BN-C</b>    |  | SHEET<br>1/2                  |



Contact Layout



| Contacts<br>(insert arrangement 25-19) |              |              |                     |             |              |
|--|--------------|--------------|---------------------|-------------|--------------|
| Contact position ID                    | Location     |              | Contact position ID | Location    |              |
|  | X-axis (mm)  | Y-axis (mm)  |                     | X-axis (mm) | Y-axis (mm)  |
| A                                      | +000 (0.00)  | +409 (10.39) | L                   | -354 (8.99) | +205 (5.21)  |
| B                                      | +236 (5.99)  | +409 (10.39) | M                   | -236 (5.99) | +409 (10.39) |
| C                                      | +354 (8.99)  | +205 (5.21)  | N                   | -118 (3.00) | +205 (5.21)  |
| D                                      | +472 (11.99) | +000 (0.00)  | P                   | +118 (3.00) | +205 (5.21)  |
| E                                      | +354 (8.99)  | -205 (5.21)  | R                   | +236 (5.99) | +000 (0.00)  |
| F                                      | +236 (5.99)  | -409 (10.39) | S                   | +118 (3.00) | -205 (5.21)  |
| G                                      | +000 (0.00)  | -409 (10.39) | T                   | -118 (3.00) | -205 (5.21)  |
| H                                      | -236 (5.99)  | -409 (10.39) | U                   | -236 (5.99) | +000 (0.00)  |
| J                                      | -354 (8.99)  | -205 (5.21)  | V                   | +000 (0.00) | +000 (0.00)  |
| K                                      | -472 (11.99) | +000 (0.00)  | ---                 | ---         | ---          |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes  |
|------------|-----------------|--------------------|---------------|----------------|------------------|-------------|
| 25         | -19             | 19                 | 12            | I              | All              | MS-20057-19 |

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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| FORMAT         | <b>SOURIAU DRG N° 8D725W19BN-C</b> |                            | SHEET 2/2   |