



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: 8D725S19SN

| | | | |
|--------------|---|--------------------------------|---|
| A | 04-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Stainless Steel Receptacle 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
| NA | SOURIAU WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | A3 | | SOURIAU DRG N° 8D725S19SN-C |
| | | | SHEET 1/2 |

| | | | | | | | | | |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES: | 8D | 7 | - | 25 | S | 19 | S | N | ORIENTATION : N |
| SHELL TYPE : | Jam nut Receptacle | | | | | | | | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | CONTACT LAYOUT : 25-19 |
| SHELL SIZE : | 25 | | | | | | | | |
| PLATING : | S = Nickel | | | | | | | | |

Contact Layout



| Contacts (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 | MS20057-19 |

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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| TITLE | Stainless Steel Receptacle 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
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| FORMAT | SOURIAU DRG N° 8D725S19SN-C | | SHEET 2/2 |