



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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

| Connector dimension | |
|---------------------|-----------------|
| Dim | Nominal |
| A | 30.2±0.3 |
| B | 16.53+0.1/-0.15 |
| R | 32.5Max |
| S | 27±0.4 |
| W | 2.2+0.9/-0.1 |
| VV THREAD | M12x1-6g |

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: 8D709S98SNL

| | | | |
|--------------|---|--------------------------------|---|
| A | 03-11-2016 | 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° 8D709S98SNL-C SHEET 1/2 |

BASIC SERIES: 8D 7 - 09 S 98 S N L
 SHELL TYPE : Jam nut Receptacle Delivered W/O Contacts
 CONTACT TYPE : Standard Crimp Contact ORIENTATION : N
 SHELL SIZE : 09 CONTACT TYPE : SOCKET(500 Matings)
 PLATING : S = Nickel CONTACT LAYOUT : 09-98

Contact Layout



| Contact position ID | Contact location | |
|---------------------|------------------|-------------|
| | X-axis (mm) | Y-axis (mm) |
| A | +065 (1.65) | +038 (0.97) |
| B | +000 (0.00) | -075 (1.91) |
| C | -065 (1.65) | +038 (0.97) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 9 | -98 | 3 | 20 | I | All | MS20049-98 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|-----|--------------|
| B | 16.7±0.1 |
| ØC | 17.6+0.25/-0 |

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| NA | | ±-- | 859 |
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