



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
- Mass : 30.86 g ± 10%

| Connector dimension | |
|---------------------|-----------------|
| Dim | Nominal |
| A | 49.2±0.3 |
| B | 33.32+0.1/-0.15 |
| R | 32.5Max |
| S | 46±0.4 |
| W | 3+0.9/-0.1 |
| VV THREAD | M28x1-6g |

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: 8D719W11PDL

| | | | |
|--------------|---|-------------------------------------|---|
| A | 30-09-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium 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° 8D719W11PDL-C | SHEET 1/2 |

| | | | | | | | | | | |
|---------------|--------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES: | 8D | 7 | - | 19 | W | 11 | P | D | L | Delivered W/O Contacts |
| SHELL TYPE | : Jam nut Receptacle | | | | | | | | | ORIENTATION : D |
| CONTACT TYPE | : Standard Crimp Contact | | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE | : 19 | | | | | | | | | CONTACT LAYOUT : 19-11 |
| PLATING | : W = Olive drab Cadmium | | | | | | | | | |

Contact Layout



| Contacts (Insert arrangement 19-11) | | | | | |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID | Location | | Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| A | +105 (2.67) | +260 (6.60) | G | -275 (6.99) | -053 (1.35) |
| B | +250 (6.35) | +132 (3.35) | H | -250 (6.35) | +132 (3.35) |
| C | +275 (6.99) | -053 (1.35) | J | -105 (2.67) | +260 (6.60) |
| D | +179 (4.55) | -215 (5.46) | K | +000 (0.00) | +105 (2.67) |
| E | +000 (0.00) | -281 (7.14) | L | +000 (0.00) | -092 (2.34) |
| F | -179 (4.55) | -215 (5.46) | --- | --- | --- |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 19 | -11 | 11 | 16 | II | All | MS20054-11 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|-----|---------------|
| B | 33.91+0/-0.25 |
| ØC | 35.18+0.25/-0 |

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: 8D719W11PDL

| | | | |
|----------------|-------------------------------------|--------------------------------|--|
| A | 30-09-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
| SOURIAU | WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | SOURIAU DRG N° 8D719W11PDL-C | | SHEET 2/2 |