



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 : 37.77 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 38.5 Max |
| Z | 31 Max |
| 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: 8D519W11AB

| | | | |
|--------------|---|--------------------------------|---|
| A | 19-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Plug 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | A3 | | SOURIAU DRG N° 8D519W11AB-C |
| | | | SHEET 1/2 |

| | | | | | | | | | |
|----------------|-------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES: | 8D | 5 | - | 19 | W | 11 | A | B | ORIENTATION : B |
| SHELL TYPE : | Plug with RFI Shielding | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | CONTACT LAYOUT : 19-11 |
| SHELL SIZE : | 19 | | | | | | | | |
| 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 |

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