



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 : 17.32 g ± 10%

| Connector dimension | |
|---------------------|-----------------|
| Dim | Nominal |
| A | 34.9±0.3 |
| B | 19.07+0.1/-0.15 |
| R | 32.5Max |
| S | 31.8±0.4 |
| W | 2.2+0.9/-0.1 |
| VV THREAD | M15x1-6g |

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: 8D711W05PCL

| | | | |
|--------------|--------------------------------|--------------------------------|---|
| A | 01-10-2016 | 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 |
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| FORMAT | A3 | | SOURIAU DRG N° 8D711W05PCL-C |
| | | | SHEET 1/2 |

| | | | | | | | | | | |
|---------------|--------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES: | 8D | 7 | - | 11 | W | 05 | P | C | L | Delivered W/O Contacts |
| SHELL TYPE | : Jam nut Receptacle | | | | | | | | | ORIENTATION : C |
| CONTACT TYPE | : Standard Crimp Contact | | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE | : 11 | | | | | | | | | CONTACT LAYOUT : 11-05 |
| PLATING | : W = Olive drab Cadmium | | | | | | | | | |

Contact Layout



| Contacts (Insert arrangement 11-5) | | |
|---------------------------------------|------------------|-------------|
| Contact position ID | Contact location | |
| | X-axis (mm) | Y-axis (mm) |
| A | +065 (1.65) | +056 (1.42) |
| B | +113 (2.87) | -065 (1.65) |
| C | +000 (0.00) | -130 (3.30) |
| D | -113 (2.87) | -065 (1.65) |
| E | -065 (1.65) | +056 (1.42) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 11 | -5 | 5 | 20 | I | All | MS20050-5 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|-----|---------------|
| B | 19.59+0/-0.25 |
| ØC | 20.96+0.25/-0 |

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| FORMAT | SOURIAU DRG N° 8D711W05PCL-C | | SHEET 2/2 |