



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 : 48 hours
- Mass : 10.85 g ± 10%

| Connector dimension | |
|---------------------|---------------|
| Dim | Nominal |
| P | 3.25±0.2 |
| PP | 4.93±0.2 |
| R1 | 20.62 |
| R2 | 18.26 |
| S | 26.2±0.3 |
| V | 20.83+0/-1.25 |
| W | 2.1/2.5 |
| Z | 31.5 Max |
| 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: 8D011F35PEL

| | | | |
|----------------|---------------------------------------|--------------------------------|---|
| A | 14-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | NA | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | A3 | | SOURIAU DRG N° 8D011F35PEL-C |
| | | | SHEET 1/2 |

| | | | | | | | | | | |
|----------------|--------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES: | 8D | 0 | - | 11 | F | 35 | P | E | L | Delivered W/O Contacts |
| SHELL TYPE : | Square Flange Receptacle | | | | | | | | | ORIENTATION : E |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE : | 11 | | | | | | | | | CONTACT LAYOUT : 11-35 |
| PLATING : | F = Nickel | | | | | | | | | |

Contact Layout



| Contacts (Insert arrangement 11-35) | | | | | |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID | Location | | Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| 1 | +000 (0.00) | +146 (3.71) | 8 | -138 (3.51) | -045 (1.14) |
| 2 | +085 (2.16) | +118 (3.00) | 9 | -138 (3.51) | +045 (1.14) |
| 3 | +138 (3.51) | +045 (1.14) | 10 | -085 (2.16) | +118 (3.00) |
| 4 | +138 (3.51) | -045 (1.14) | 11 | +000 (0.00) | +056 (1.42) |
| 5 | +085 (2.16) | -118 (3.00) | 12 | +049 (1.24) | -035 (0.89) |
| 6 | +000 (0.00) | -146 (3.71) | 13 | -049 (1.24) | -035 (0.89) |
| 7 | -085 (2.16) | -118 (3.00) | | | |

| (Applicable to MIL-DTL-38999 only) | | | | | | |
|------------------------------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
| 11 | -35 | 13 | 22D | M | All | MS27526-35 |

Panel Cutout



| Dim | Nominal |
|-----|------------|
| ØA | 20.22 min |
| ØAA | 15.88 min |
| R1 | 20.62 |
| ØT | 3.25 ±0.13 |

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| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
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| FORMAT | SOURIAU DRG N° 8D011F35PEL-C | | SHEET 2/2 |