



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension | |
|---------------------|-----------|
| Dim | Nominal |
| F | 19.05 Max |
| Z | 31.5 Max |
| VV THREAD | M15x1-6g |

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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours

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: 8D111F99PN

| | | | |
|----------------|------------------------------------|--------------------------------|---|
| A | 26-09-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Inline plug 8D series | | |
| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | SOURIAU DRG N° 8D111F99PN-C | | SHEET 1/2 |
| A3 | | | |

| | | | | | | | | | |
|----------------|------------------------|---|---|----|---------------------------------|----|---|---|-----------------|
| BASIC SERIES: | 8D | 1 | - | 11 | F | 99 | P | N | ORIENTATION : N |
| SHELL TYPE : | In line Receptacle | | | | CONTACT TYPE : PIN(500 Matings) | | | | |
| CONTACT TYPE : | Standard Crimp Contact | | | | CONTACT LAYOUT : 11-99 | | | | |
| SHELL SIZE : | 11 | | | | | | | | |
| PLATING : | F = Nickel | | | | | | | | |

4
3
2
1

Contact Layout



| Contacts (Insert arrangement 11-99) | | |
|--|-------------|-------------|
| Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) |
| A | +065 (1.65) | +113 (2.87) |
| B | +130 (3.30) | +000 (0.00) |
| C | +065 (1.65) | -113 (2.87) |
| D | -065 (1.65) | -113 (2.87) |
| E | -130 (3.30) | +000 (0.00) |
| F | -065 (1.65) | +113 (2.87) |
| G | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 11 | -99 | 7 | 20 | I | All | MS20050-99 |

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| FORMAT | SOURIAU DRG N° 8D111F99PN-C | | SHEET 2/2 |