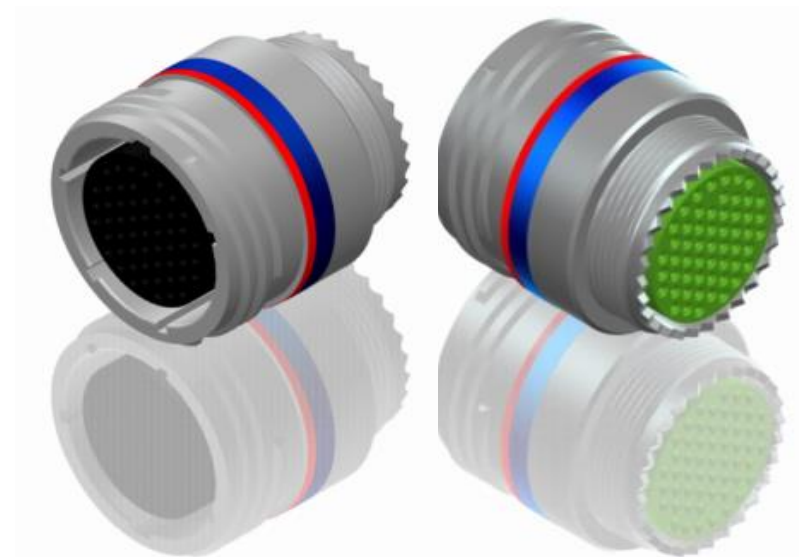




Keying Shown as example

## CHARACTERISTICS

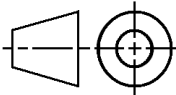
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 15.9 Max |
| Z                   | 31.5 Max |
| VV THREAD           | M12x1-6g |

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.)

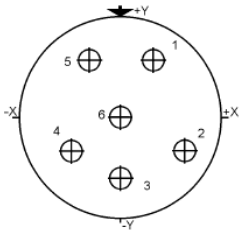
|         |                             |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR      | Not Listed                  |

PN: 8D109F35SE

|              |                                                                                       |                                 |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|---------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 28-09-2016                                                                            | First Release                   |                  |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by        |                  | MOD N°                                                                                                         |
| Designed By: |                                                                                       | Date:                           | CUSTOMER DRAWING |                                                                                                                |
| TITLE        |                                                                                       | Aluminium Inline plug 8D series |                  |                                                                                                                |
| SCALE        |  | General linear                  | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | Tolerances:<br>±--              | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D109F35SE-C                                                        |                                 |                  | SHEET<br>1/2                                                                                                   |

|                                       |    |   |   |    |                                    |    |   |   |  |
|---------------------------------------|----|---|---|----|------------------------------------|----|---|---|--|
| BASIC SERIES:                         | 8D | 1 | - | 09 | F                                  | 35 | S | E |  |
| SHELL TYPE : In line Receptacle       |    |   |   |    |                                    |    |   |   |  |
| CONTACT TYPE : Standard Crimp Contact |    |   |   |    | ORIENTATION : E                    |    |   |   |  |
| SHELL SIZE : 09                       |    |   |   |    | CONTACT TYPE : SOCKET(500 Matings) |    |   |   |  |
| PLATING : F = Nickel                  |    |   |   |    | CONTACT LAYOUT : 09-35             |    |   |   |  |

Contact Layout



| Contact position ID | Contact location |             |
|---------------------|------------------|-------------|
|                     | X-axis (mm)      | Y-axis (mm) |
| 1                   | +045 (1.14)      | +078 (1.98) |
| 2                   | +078 (1.98)      | -045 (1.14) |
| 3                   | +000 (0.00)      | -090 (2.29) |
| 4                   | -078 (1.98)      | -045 (1.14) |
| 5                   | -045 (1.14)      | +078 (1.98) |
| 6                   | +000 (0.00)      | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 9          | -35             | 6                  | 22D           | M              | All              | MS27525-35 |

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: 8D109F35SE

|              |                                |                                 |                  |                                                                                                          |
|--------------|--------------------------------|---------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| A            | 28-09-2016                     | 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  |                                                                                                          |
| NA           |                                | ±--                             | 859              |                                                                                                          |
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| FORMAT       | SOURIAU DRG N°<br>8D109F35SE-C |                                 |                  | SHEET<br>2/2                                                                                             |