

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |          |
|---------------------|----------|
| Dim                 | Nominal  |
| F                   | 25.4 Max |
| Z                   | 31.5 Max |
| VV THREAD           | M22x1-6g |

**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.)

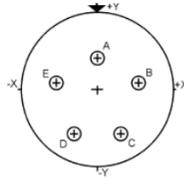
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D115F05PN**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 27-09-2016  | First Release                  |   |
| ISS          | DATE  | Latest modification - by       | MOD N°  |
| Designed By: |   | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b> | <b>Aluminium Inline plug 8D series</b>                              |                                |   |
| SCALE        |   | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
| NA           | <b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a> |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT       | <b>A3</b>   |                                | <b>SOURIAU DRG N° 8D115F05PN-C</b>  |
|              |   |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 15 | F | 05 | P | N | ORIENTATION : N                 |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 15-05          |
| SHELL SIZE :   | 15                     |   |   |    |   |    |   |   |                                 |
| PLATING :      | F = Nickel             |   |   |    |   |    |   |   |                                 |

Contact Layout



| Contact position ID | Location    |             |
|---------------------|-------------|-------------|
|                     | X-axis (mm) | Y-axis (mm) |
| A                   | +000 (0.00) | +100 (2.54) |
| B                   | +174 (4.42) | +024 (0.61) |
| C                   | +094 (2.39) | -148 (3.76) |
| D                   | -094 (2.39) | -148 (3.76) |
| E                   | -174 (4.42) | +024 (0.61) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -5              | 5                  | 16            | II             | All              | MS20052-5  |

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| FORMAT         | <b>SOURIAU DRG N° 8D115F05PN-C</b> |                                | SHEET<br>2/2   |