

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 : Black Zinc 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 +175°C
- Salt Spray : 500 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.)

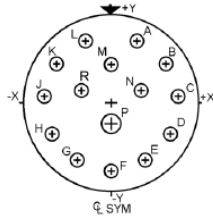
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D115Z15PB**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 27-09-2016  | First Release                  |   |
| ISS          | DATE  | Latest modification - by       | MOD N°  |
| Designed By: |   | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b> | Aluminium Inline plug 8D series                                     |                                |   |
| 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° 8D115Z15PB-C</b>  |
|              |   |                                | SHEET<br>1/2  |

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

Contact Layout



| Contacts<br>(Insert arrangement 15-15) |             |             |                     |             |             |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|  | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +100 (2.54) | +225 (5.72) | J                   | -244 (6.20) | +014 (0.36) |
| B                                      | +202 (5.13) | +140 (3.56) | K                   | -202 (5.13) | +140 (3.56) |
| C                                      | +244 (6.20) | +014 (0.36) | L                   | -100 (2.54) | +225 (5.72) |
| D                                      | +218 (5.54) | -113 (2.87) | M                   | +000 (0.00) | +140 (3.56) |
| E                                      | +126 (3.20) | -209 (5.31) | N                   | +110 (2.79) | +040 (1.02) |
| F                                      | +000 (0.00) | -245 (6.22) | P                   | +000 (0.00) | -077 (1.96) |
| G                                      | -126 (3.20) | -209 (5.31) | R                   | -110 (2.79) | +040 (1.02) |
| H                                      | -218 (5.54) | -113 (2.87) | ---                 | ---         | ---         |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -15             | 1                  | 16            | I              | P                | MS20052-15 |
|            |                 | 14                 | 20            |                | All other        |            |

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| FORMAT         | <b>SOURIAU DRG N° 8D115Z15PB-C</b> |                            | SHEET 2/2   |