

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

| Connector dimension |           |
|---------------------|-----------|
| Dim                 | Nominal   |
| F                   | 22.25 Max |
| Z                   | 31.5 Max  |
| VV THREAD           | M18x1-6g  |

**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: 8D113Z03BA**

|     |            |                          |        |
|-----|------------|--------------------------|--------|
| 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 |
| NA    |  | ±--                        | <b>859</b>      |

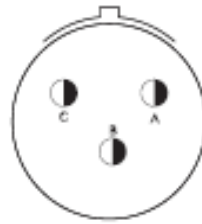
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|-----------|------------------------------------|------------|
| FORMAT    | <b>SOURIAU DRG N° 8D113Z03BA-C</b> | SHEET      |
| <b>A3</b> |                                    | <b>1/2</b> |

|                |                        |   |   |    |   |    |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 1 | - | 13 | Z | 03 | B | A | ORIENTATION : A                    |
| SHELL TYPE :   | In line Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-03             |
| SHELL SIZE :   | 13                     |   |   |    |   |    |   |   |                                    |
| PLATING :      | Z = Black Zinc Nickel  |   |   |    |   |    |   |   |                                    |

Contact Layout

03



3#16

| 13-03 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 2.39  | 1.47  |
| B     | 0     | -2.79 |
| C     | -2.39 | 1.47  |

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| <b>TITLE</b>   |                       | Aluminium Inline plug 8D series |   |
| SCALE          |                       | General linear Tolerances:      | NPRDS / PROJECT   |
| NA             |                       | ±--                             | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N°</b> |                                 | SHEET   |
| <b>A3</b>      | <b>8D113Z03BA-C</b>   |                                 | <b>2/2</b>  |