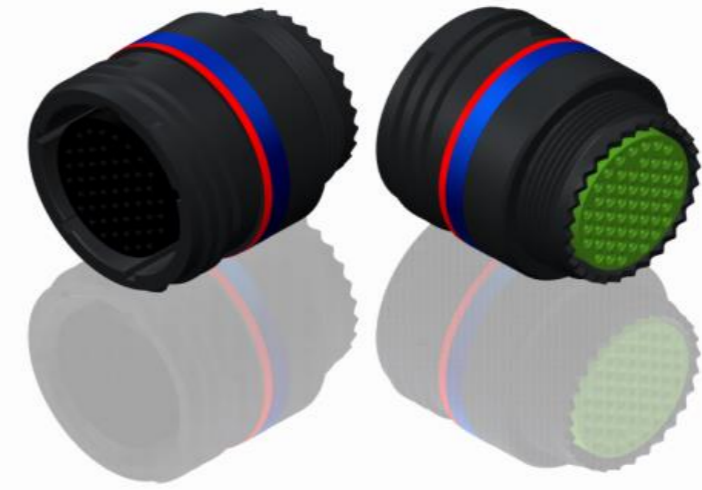


H G F E D C B A

4

4



LAYOUT SHOWN AS EXAMPLE

3

3

Keying Shown as example

**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

| Connector dimension |           |
|---------------------|-----------|
| Dim                 | Nominal   |
| F                   | 30.15 Max |
| Z                   | 31.5 Max  |
| VV THREAD           | M25x1-6g  |

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: 8D117Z08SB

|     |            |                          |        |
|-----|------------|--------------------------|--------|
| A   | 24-09-2016 | First Release            |        |
| ISS | DATE       | Latest modification - by | MOD N° |

Designed By: \_\_\_\_\_ Date: \_\_\_\_\_ **CUSTOMER DRAWING**

|              |                                 |  |  |
|--------------|---------------------------------|--|--|
| <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° 8D117Z08SB-C</b> | SHEET      |
| <b>A3</b> |                                    | <b>1/2</b> |

|                |                        |                   |   |    |   |    |   |   |                  |                     |
|----------------|------------------------|-------------------|---|----|---|----|---|---|------------------|---------------------|
| BASIC SERIES:  | 8D                     | 1                 | - | 17 | Z | 08 | S | B | ORIENTATION : B  |                     |
| SHELL TYPE :   | In line Receptacle     |                   |   |    |   |    |   |   |                  |                     |
| CONTACT TYPE : | Standard Crimp Contact |                   |   |    |   |    |   |   |                  |                     |
| SHELL SIZE :   | 17                     |                   |   |    |   |    |   |   |                  |                     |
| PLATING :      | Z =                    | Black Zinc Nickel |   |    |   |    |   |   | CONTACT TYPE :   | SOCKET(500 Matings) |
|                |                        |                   |   |    |   |    |   |   | CONTACT LAYOUT : | 17-08               |

2

2

1

1

H G F E D C B A

Contact Layout



| Contacts<br>(Insert arrangement 17-8) |             |             |
|---------------------------------------|-------------|-------------|
| Contact position ID                   | Location    |             |
|                                       | X-axis (mm) | Y-axis (mm) |
| A                                     | +000 (0.00) | +236 (5.99) |
| B                                     | +128 (3.25) | +086 (2.18) |
| C                                     | +230 (5.84) | -078 (1.98) |
| D                                     | +094 (2.39) | -216 (5.49) |
| E                                     | -094 (2.39) | -216 (5.49) |
| F                                     | -230 (5.84) | -078 (1.98) |
| G                                     | -128 (3.25) | +086 (2.18) |
| H                                     | +000 (0.00) | -052 (1.32) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 17         | -8              | 8                  | 16            | II             | All              | MS20053-8  |

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|---------|-----------------------------|
| FR      | Not Listed                  |

PN: 8D117Z08SB

|                |                                    |                                |   |
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| A              | 24-09-2016                         | 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             |                                    |                                |   |
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