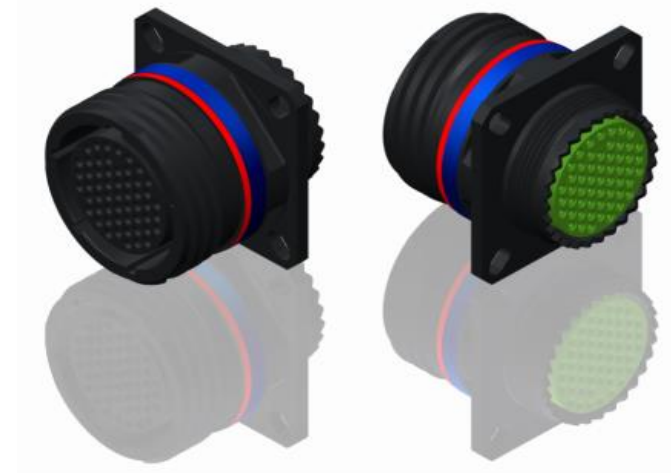
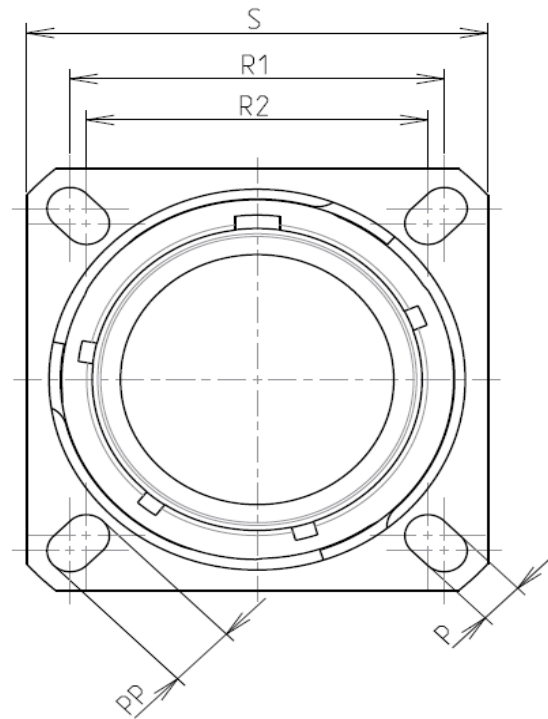
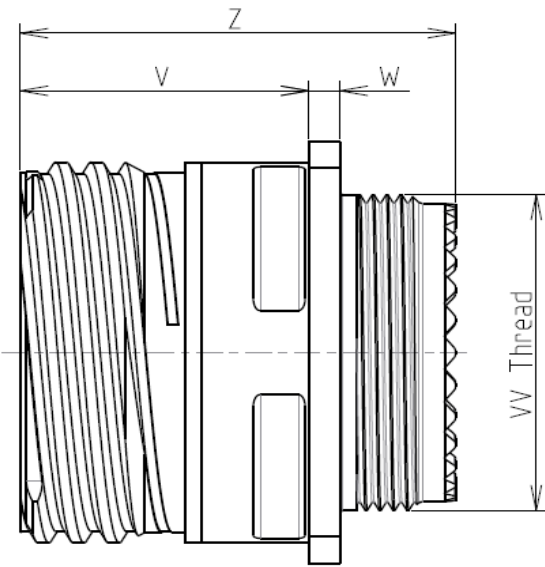




LAYOUT SHOWN AS EXAMPLE

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       |
| P                   | 3.25±0.2      |
| PP                  | 4.93±0.2      |
| R1                  | 23.01         |
| R2                  | 20.62         |
| S                   | 28.6±0.3      |
| V                   | 20.83+0/-1.25 |
| W                   | 2.1/2.5       |
| Z                   | 31.5 Max      |
| VV THREAD           | M18x1-6g      |

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: 8D013Z03BE

|              |            |                                |                                                                                                          |
|--------------|------------|--------------------------------|----------------------------------------------------------------------------------------------------------|
| A            | 16-10-2016 | First Release                  |                                                                                                          |
| ISS          | DATE       | Latest modification - by       | MOD N°                                                                                                   |
| Designed By: |            | Date:                          | CUSTOMER DRAWING                                                                                         |
| TITLE        |            | Aluminium Receptacle 8D series |                                                                                                          |
| SCALE        | NA         | General linear Tolerances: ±-- | NPRDS / PROJECT<br>859                                                                                   |
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| FORMAT       | A3         | SOURIAU DRG N°<br>8D013Z03BE-C | SHEET<br>1/2                                                                                             |

|               |                            |   |   |    |   |    |   |   |                                    |
|---------------|----------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES: | 8D                         | 0 | - | 13 | Z | 03 | B | E | ORIENTATION : E                    |
| SHELL TYPE    | : Square Flange Receptacle |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE  | : Standard Crimp Contact   |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-03             |
| SHELL SIZE    | : 13                       |   |   |    |   |    |   |   |                                    |
| PLATING       | : Z = Black Zinc Nickel    |   |   |    |   |    |   |   |                                    |

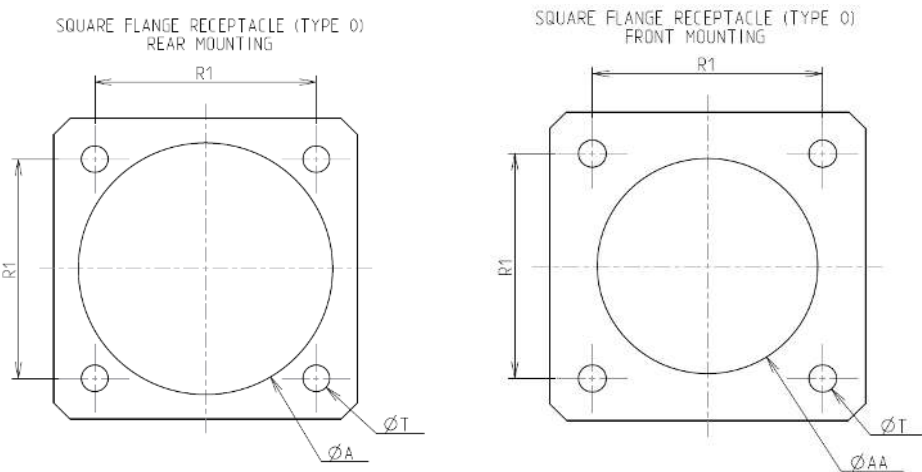
Contact Layout



3#16

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

Panel Cutout

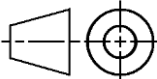


| Dim | Nominal    |
|-----|------------|
| ØA  | 23.42 min  |
| ØAA | 19.05 min  |
| R1  | 23.01      |
| ØT  | 3.25 ±0.13 |

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

PN: 8D013Z03BE

|              |                                                                                       |                                |                  |                                                                                                          |
|--------------|---------------------------------------------------------------------------------------|--------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| A            | 16-10-2016                                                                            | First Release                  |                  |                                                                                                          |
| ISS          | DATE                                                                                  | Latest modification - by       |                  | MOD N°                                                                                                   |
| Designed By: |                                                                                       | Date:                          | CUSTOMER DRAWING |                                                                                                          |
| TITLE        |                                                                                       | Aluminium Receptacle 8D series |                  |                                                                                                          |
| SCALE        |  | General linear Tolerances:     | NPRDS / PROJECT  |                                                                                                          |
| NA           |                                                                                       | ±--                            | 859              |                                                                                                          |
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| FORMAT       | SOURIAU DRG N°<br>8D013Z03BE-C                                                        |                                |                  | SHEET                                                                                                    |
| A3           |                                                                                       |                                |                  | 2/2                                                                                                      |