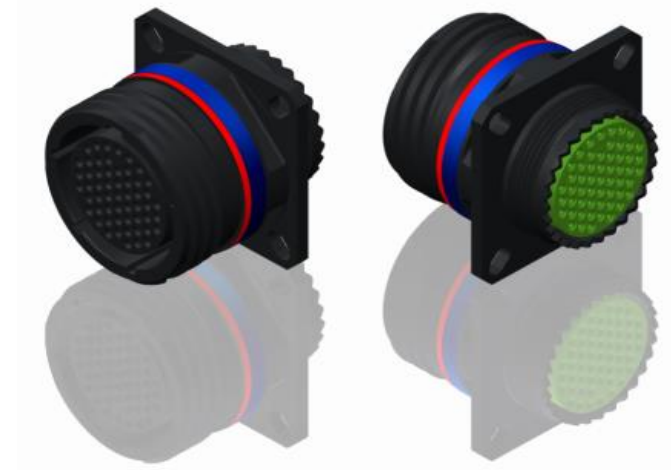
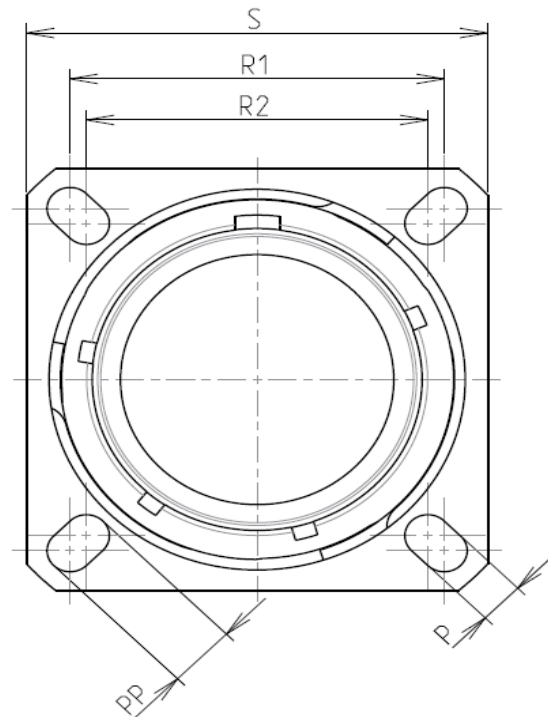
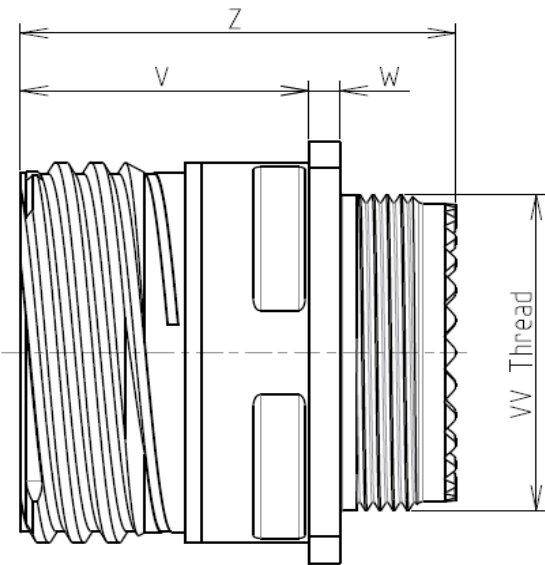




LAYOUT SHOWN AS EXAMPLE

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
- Mass : 10.73 g ± 10%

| Connector dimension |               |
|---------------------|---------------|
| Dim                 | Nominal       |
| P                   | 3.25±0.2      |
| PP                  | 5.49±0.2      |
| R1                  | 18.26         |
| R2                  | 15.09         |
| S                   | 23.8±0.3      |
| V                   | 20.83+0/-1.25 |
| W                   | 2.1/2.5       |
| Z                   | 31.5 Max      |
| VV THREAD           | M12x1-6g      |

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.)

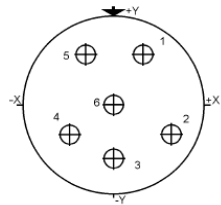
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

PN: 8D009Z35BB

|              |            |                                |                                                                                                          |
|--------------|------------|--------------------------------|----------------------------------------------------------------------------------------------------------|
| A            | 04-10-2016 | 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>8D009Z35BB-C | SHEET<br>1/2                                                                                             |

|               |                            |   |   |    |   |    |   |   |                                    |
|---------------|----------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES: | 8D                         | 0 | - | 09 | Z | 35 | B | B | ORIENTATION : B                    |
| SHELL TYPE    | : Square Flange Receptacle |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE  | : Standard Crimp Contact   |   |   |    |   |    |   |   | CONTACT LAYOUT : 09-35             |
| SHELL SIZE    | : 09                       |   |   |    |   |    |   |   |                                    |
| PLATING       | : Z = Black Zinc Nickel    |   |   |    |   |    |   |   |                                    |

Contact Layout

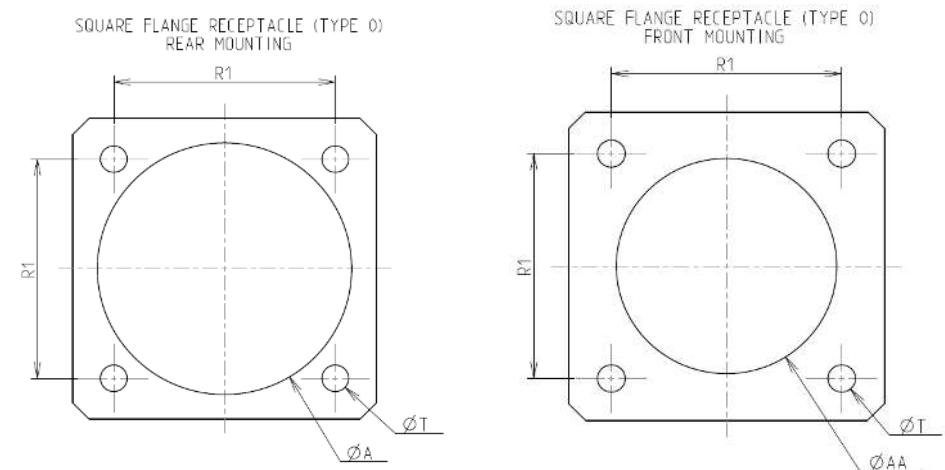


| Contacts<br>(Insert arrangement 9-35) |                  |             |
|---------------------------------------|------------------|-------------|
| Contact position ID                   | Contact location |             |
|                                       | X-axis (mm)      | Y-axis (mm) |
| 1                                     | +045 (1.14)      | +078 (1.98) |
| 2                                     | +078 (1.98)      | -045 (1.14) |
| 3                                     | +000 (0.00)      | -090 (2.29) |
| 4                                     | -078 (1.98)      | -045 (1.14) |
| 5                                     | -045 (1.14)      | +078 (1.98) |
| 6                                     | +000 (0.00)      | +000 (0.00) |

(Applicable to MIL-DTL-38999 and SAE-AS29600)

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 9          | -35             | 6                  | 22D           | M              | All              | MS27525-35 |

Panel Cutout

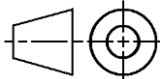


| Dim | Nominal    |
|-----|------------|
| ØA  | 16.66 min  |
| ØAA | 13.11 min  |
| R1  | 18.26      |
| ØT  | 3.25 ±0.13 |

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

PN: 8D009Z35BB

|              |                                                                                       |                                |                  |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|--------------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 04-10-2016                                                                            | First Release                  |                  |                                                                                                                |
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| Designed By: |                                                                                       | Date:                          | CUSTOMER DRAWING |                                                                                                                |
| TITLE        |                                                                                       | Aluminium Receptacle 8D series |                  |                                                                                                                |
| SCALE        |  | General linear<br>Tolerances:  | NPRDS / PROJECT  |                                                                                                                |
| NA           |                                                                                       | ±--                            | 859              |                                                                                                                |
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| FORMAT       | SOURIAU DRG N°<br>8D009Z35BB-C                                                        |                                |                  | SHEET<br>2/2                                                                                                   |