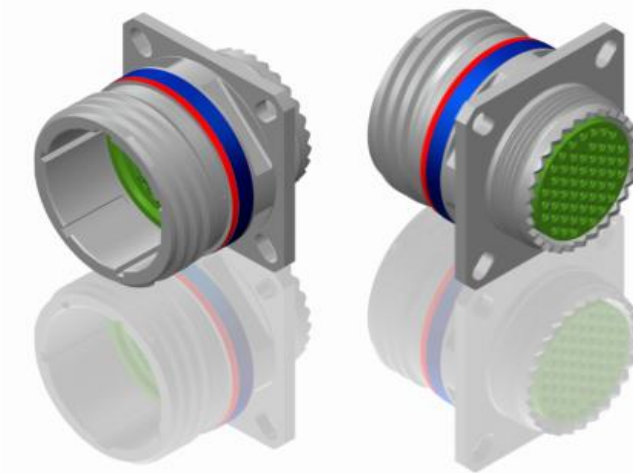
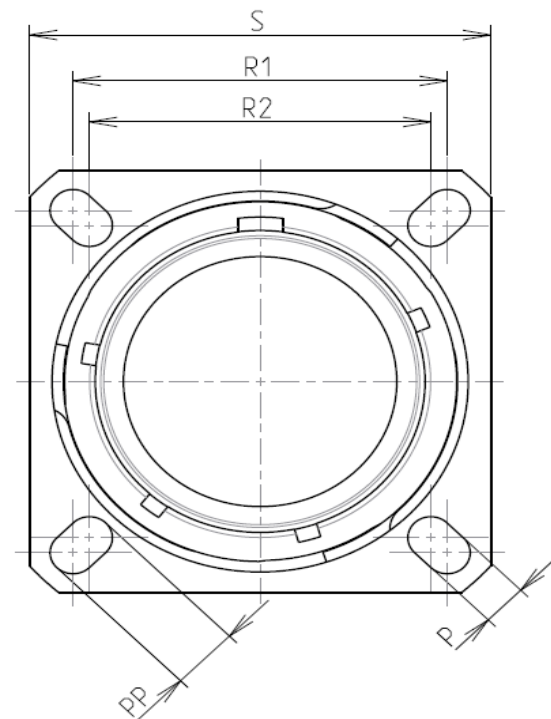




Keying Shown as example

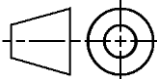
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 14.35 g ± 10%

| 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      |

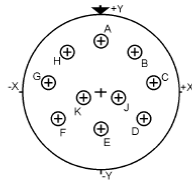
SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

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

PN: 8D013F98PBL

|              |                                                                                       |                                |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 14-10-2016                                                                            | First Release                  |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by       | MOD N°                                                                                                         |
| 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>8D013F98PBL-C                                                       |                                | SHEET<br>1/2                                                                                                   |
| A3           |                                                                                       |                                |                                                                                                                |

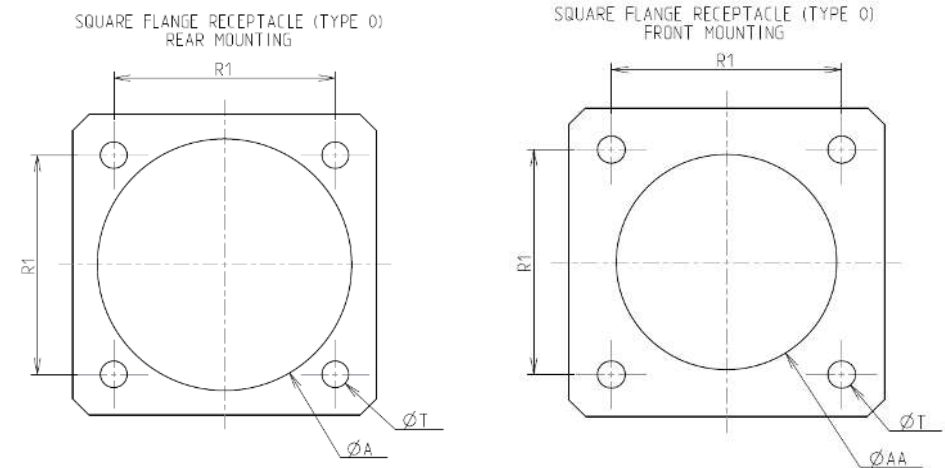
Contact Layout



| Contacts<br>(Insert arrangement 13-98) |             |             |
|----------------------------------------|-------------|-------------|
| Contact position ID                    | Location    |             |
|                                        | X-axis (mm) | Y-axis (mm) |
| A                                      | +000 (0.00) | +195 (4.95) |
| B                                      | +125 (3.18) | +150 (3.81) |
| C                                      | +193 (4.90) | +030 (0.76) |
| D                                      | +104 (4.17) | -105 (2.67) |
| E                                      | +000 (0.00) | -135 (3.43) |
| F                                      | -164 (4.17) | -105 (2.67) |
| G                                      | -193 (4.90) | +030 (0.76) |
| H                                      | -125 (3.18) | +150 (3.81) |
| J                                      | +065 (1.65) | -015 (0.38) |
| K                                      | -065 (1.65) | -015 (0.38) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -98             | 10                 | 20            | I              | All              | MS20051-98 |

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: 8D013F98PBL

|              |                                                                                       |                                |                  |                                                                                                                |
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| A            | 14-10-2016                                                                            | 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>8D013F98PBL-C                                                       |                                |                  | SHEET<br>2/2                                                                                                   |