



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 11.76 g ± 10%

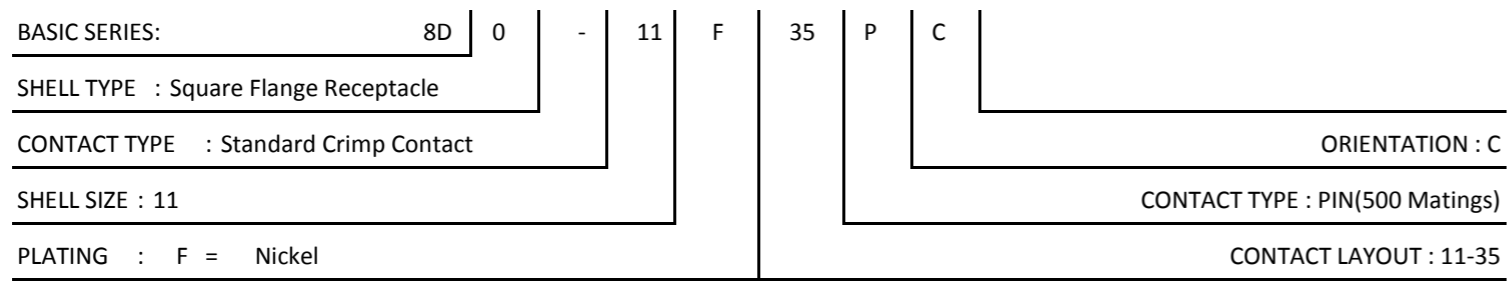
| Connector dimension |               |
|---------------------|---------------|
| Dim                 | Nominal       |
| P                   | 3.25±0.2      |
| PP                  | 4.93±0.2      |
| R1                  | 20.62         |
| R2                  | 18.26         |
| S                   | 26.2±0.3      |
| V                   | 20.83+0/-1.25 |
| W                   | 2.1/2.5       |
| Z                   | 31.5 Max      |
| VV THREAD           | M15x1-6g      |

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: 8D011F35PC**

|                |                                       |                                |   |
|----------------|---------------------------------------|--------------------------------|---|
| A              | 14-10-2016                            | First Release                  |   |
| ISS            | DATE                                  | Latest modification - by       | MOD N°  |
| Designed By:   |                                       | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Aluminium Receptacle 8D series</b> |                                |   |
| SCALE          | NA                                    | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
| <b>SOURIAU</b> | <b>WWW.SOURIAU.COM</b>                |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT         | <b>A3</b>                             |                                | <b>SOURIAU DRG N° 8D011F35PC-C</b>  |
|                |                                       |                                | SHEET<br>1/2  |



ORIENTATION : C  
CONTACT TYPE : PIN(500 Matings)  
CONTACT LAYOUT : 11-35

**Contact Layout**



| Contacts<br>(Insert arrangement 11-35) |             |             |                     |             |             |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|  | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| 1                                      | +000 (0.00) | +146 (3.71) | 8                   | -138 (3.51) | -045 (1.14) |
| 2                                      | +085 (2.16) | +118 (3.00) | 9                   | -138 (3.51) | +045 (1.14) |
| 3                                      | +138 (3.51) | +045 (1.14) | 10                  | -085 (2.16) | +118 (3.00) |
| 4                                      | +138 (3.51) | -045 (1.14) | 11                  | +000 (0.00) | +056 (1.42) |
| 5                                      | +085 (2.16) | -118 (3.00) | 12                  | +049 (1.24) | -035 (0.89) |
| 6                                      | +000 (0.00) | -146 (3.71) | 13                  | -049 (1.24) | -035 (0.89) |
| 7                                      | -085 (2.16) | -118 (3.00) |                     |             |             |

(Applicable to MIL-DTL-38999 only)

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 11         | -35             | 13                 | 22D           | M              | All              | MS27526-35 |

**Panel Cutout**



| Dim | Nominal    |
|-----|------------|
| ØA  | 20.22 min  |
| ØAA | 15.88 min  |
| R1  | 20.62      |
| ØT  | 3.25 ±0.13 |

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: 8D011F35PC**

|                |                                       |                            |   |
|----------------|---------------------------------------|----------------------------|---|
| A              | 14-10-2016                            | First Release              |   |
| ISS            | DATE                                  | Latest modification - by   | MOD N°  |
| Designed By:   |                                       | Date:                      | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b>   | <b>Aluminium Receptacle 8D series</b> |                            |   |
| SCALE          |                                       | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                       | ±--                        | <b>859</b>  |
| <b>SOURIAU</b> | <b>WWW.SOURIAU.COM</b>                |                            | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT         | <b>SOURIAU DRG N° 8D011F35PC-C</b>    |                            | SHEET 2/2   |