Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material        : Stainless Steel

-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            : 500 hours

-Mass                  : 30.12 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: 8D011S02SB**

| A | 07-10-2016 | First Release | |
|---|---|---|---|
| ISS | DATE | Latest modification - by | MOD N° |

Designed By:                    Date:                    **CUSTOMER DRAWING**

**TITLE**          Stainless Steel Receptacle 8D series

| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
|---|---|---|---|
| NA | | ±-- | **859** |

**SOURIAU**          WWW.SOURIAU.COM

| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| **A3** | 8D011S02SB-C | 1/2 |

BASIC SERIES:          8D  0  -  11  S  02  S  B

SHELL TYPE  : Square Flange Receptacle

CONTACT TYPE    : Standard Crimp Contact

SHELL SIZE : 11

PLATING    :  S =   Nickel

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 11-02

## Contact Layout



```
.095            .095
(2.41mm)        (2.41mm)
```

| Contacts (Insert arrangement 11-2) | | |
|---|---|---|
| Contact position ID | Contact location | |
| | X-axis (mm) | Y-axis (mm) |
| A | +.095 (2.41) | +.000 (.00) |
| B | -.095 (2.41) | +.000 (.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location |
|---|---|---|---|---|---|
| 11 | -2 | 2 | 16 | I | All |

## Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING



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

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| NA | | ±-- | **859** |

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| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D011S02SB-C | 2/2 |