



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Passivated
- 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 : 500 hours

| Connector dimension |                 |
|---------------------|-----------------|
| Dim                 | Nominal         |
| A                   | 34.9±0.3        |
| B                   | 19.07+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 31.8±0.4        |
| W                   | 2.2+0.9/-0.1    |
| 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.)

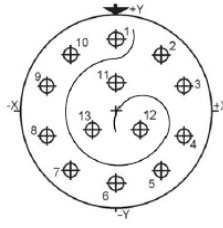
|         |                             |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR      | Not Listed                  |

**PN: 8D711K35PEL**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 30-09-2016  | First Release                  |   |
| ISS          | DATE  | Latest modification - by       | MOD N°  |
| Designed By: |   | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b> | <b>Stainless Steel Receptacle 8D series</b>                         |                                |   |
| SCALE        |   | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b>   |
| NA           | <b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a> |                                | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT       | <b>A3</b>   |                                | <b>SOURIAU DRG N° 8D711K35PEL-C</b>   |
|              |   |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 11 | K | 35 | P | E | L | Delivered W/O Contacts          |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   |   | ORIENTATION : E                 |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   |   | CONTACT TYPE : PIN(500 Matings) |
| SHELL SIZE :   | 11                     |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 11-35          |
| PLATING :      | K = Passivated         |   |   |    |   |    |   |   |   |                                 |

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

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 19.59+0/-0.25 |
| ØC  | 20.96+0.25/-0 |

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| NA             |   | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D711K35PEL-C</b>         |                            | SHEET 2/2   |