



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

| Connector dimension |                |
|---------------------|----------------|
| Dim                 | Nominal        |
| A                   | 52.4±0.3       |
| B                   | 36.5+0.1/-0.15 |
| R                   | 32.5Max        |
| S                   | 49.2±0.4       |
| W                   | 3+0.9/-0.1     |
| VV THREAD           | M31x1-6g       |

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: 8D721K77SE**

|                |   |                                |   |
|----------------|---|--------------------------------|---|
| A              | 08-11-2016                                  | 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             |   |                                |   |
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| FORMAT         | <b>SOURIAU DRG N° 8D721K77SE-C</b>          |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 21 | K | 77 | S | E | ORIENTATION : E                    |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 21-77             |
| SHELL SIZE :   | 21                     |   |   |    |   |    |   |   |                                    |
| PLATING :      | K = Passivated         |   |   |    |   |    |   |   |                                    |

Contact Layout

**77**



17#22D  
2#8 Triax

| 21-77 |        |       |
|-------|--------|-------|
| Ctc   | X      | Y     |
| A     | 1.96   | 8.38  |
| B     | 5.46   | 7.67  |
| C     | 8.51   | 5.79  |
| D     | 10.46  | 2.82  |
| E     | 10.46  | -2.82 |
| F     | 8.51   | -5.79 |
| G     | 5.46   | -7.67 |
| H     | 1.96   | -8.38 |
| J     | 0      | -5.41 |
| K     | -1.96  | -8.38 |
| L     | -5.46  | -7.67 |
| M     | -8.51  | -5.79 |
| N     | -10.46 | -2.82 |
| P     | -10.46 | 2.82  |
| R     | -8.51  | 5.79  |
| S     | -5.46  | 7.67  |
| T     | -1.96  | 8.38  |
| U     | -4.57  | 0     |
| V     | 4.57   | 0     |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Max. thickness panel for receptacle: Type 7: 3.2 mm

| Dim | Nominal       |
|-----|---------------|
| B   | 37.08+0/-0.25 |
| ØC  | 38.35+0.25/-0 |

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| FORMAT         | <b>SOURIAU DRG N° 8D721K77SE-C</b>          |                            | SHEET 2/2   |