



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                   | 41.3±0.3        |
| B                   | 26.97+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 38.1±0.4        |
| W                   | 2.2+0.9/-0.1    |
| VV THREAD           | M22x1-6g        |

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: 8D715K97SB**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 08-11-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

**TITLE** Stainless Steel Receptacle 8D series

|       |  |                            |                 |
|-------|--|----------------------------|-----------------|
| SCALE |  | General linear Tolerances: | NPRDS / PROJECT |
| NA    |  | ±--                        | <b>859</b>      |

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|           |                                    |  |       |
|-----------|------------------------------------|--|-------|
| FORMAT    | <b>SOURIAU DRG N° 8D715K97SB-C</b> |  | SHEET |
| <b>A3</b> |                                    |  | 1/2   |

BASIC SERIES: 8D 7 - 15 K 97 S B

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 15

PLATING : K = Passivated

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 15-97

Contact Layout



| Contact position ID | Location    |             | Contact position ID | Location    |             |
|---------------------|-------------|-------------|---------------------|-------------|-------------|
|                     | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| A                   | +065 (1.65) | +234 (5.94) | G                   | -207 (5.26) | -095 (2.41) |
| B                   | +178 (4.52) | +178 (4.52) | H                   | -234 (5.94) | +065 (1.65) |
| C                   | +230 (5.84) | -023 (0.58) | J                   | -178 (4.52) | +178 (4.52) |
| D                   | +178 (4.52) | -178 (4.52) | K                   | -065 (1.65) | +234 (5.94) |
| E                   | +065 (1.65) | -234 (5.94) | L                   | -047 (1.19) | +081 (2.06) |
| F                   | -089 (2.26) | -235 (5.97) | M                   | +047 (1.19) | -081 (2.06) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location         | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|--------------------------|------------|
| 15         | -97             | 4<br>8             | 16<br>20      | I              | C, G, L, M<br>All others | MS20052-97 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



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

| Dim | Nominal       |
|-----|---------------|
| B   | 27.56+0/-0.25 |
| ØC  | 28.83+0.25/-0 |

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| NA             |   | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D715K97SB-C</b>          |                            | SHEET 2/2   |