



LAYOUT SHOWN AS EXAMPLE

Keying 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

| Connector dimension |                 |
|---------------------|-----------------|
| Dim                 | Nominal         |
| A                   | 44.5±0.3        |
| B                   | 30.15+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 41.3±0.4        |
| W                   | 2.2+0.9/-0.1    |
| VV THREAD           | M25x1-6g        |

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: 8D717S22BA**

|              |            |                          |                         |
|--------------|------------|--------------------------|-------------------------|
| A            | 30-09-2016 | First Release            |                         |
| ISS          | DATE       | Latest modification - by | MOD N°                  |
| Designed By: |            | Date:                    | <b>CUSTOMER DRAWING</b> |

|              |                                      |                                |                               |
|--------------|--------------------------------------|--------------------------------|-------------------------------|
| <b>TITLE</b> | Stainless Steel Receptacle 8D series |                                |                               |
| SCALE        | NA                                   | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b> |

|                |                        |   |
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| FORMAT<br><b>A3</b> | <b>SOURIAU DRG N°<br/>8D717S22BA-C</b> | SHEET<br>1/2 |
|---------------------|--|--------------|

|               |                          |   |   |    |   |    |   |                                    |
|---------------|--------------------------|---|---|----|---|----|---|------------------------------------|
| BASIC SERIES: | 8D                       | 7 | - | 17 | S | 22 | B | A                                  |
| SHELL TYPE    | : Jam nut Receptacle     |   |   |    |   |    |   |                                    |
| CONTACT TYPE  | : Standard Crimp Contact |   |   |    |   |    |   |                                    |
| SHELL SIZE    | : 17                     |   |   |    |   |    |   |                                    |
| PLATING       | : S = Nickel             |   |   |    |   |    |   |                                    |
|               |                          |   |   |    |   |    |   | ORIENTATION : A                    |
|               |                          |   |   |    |   |    |   | CONTACT TYPE : SOCKET(500 Matings) |
|               |                          |   |   |    |   |    |   | CONTACT LAYOUT : 17-22             |

Contact Layout

22



2#12  
2#8 Triax

| 17-22 |       |       |
|-------|-------|-------|
| Ctc   | X     | Y     |
| A     | 0     | 4.57  |
| B     | 6.32  | 0     |
| C     | 0     | -4.57 |
| D     | -6.32 | 0     |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 30.73+0/-0.25 |
| ØC  | 32.01+0.25/-0 |

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