

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                   | 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.)

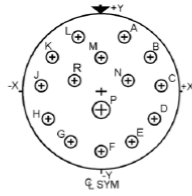
|         |                             |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR      | Not Listed                  |

**PN: 8D715S15BD**

|                     |   |                                |   |
|---------------------|---|--------------------------------|---|
| 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<br><b>A3</b> | <b>SOURIAU DRG N° 8D715S15BD-C</b>          |                                | SHEET<br>1/2  |

|                |                                    |   |   |    |   |    |   |   |                 |
|----------------|------------------------------------|---|---|----|---|----|---|---|-----------------|
| BASIC SERIES:  | 8D                                 | 7 | - | 15 | S | 15 | B | D | ORIENTATION : D |
| SHELL TYPE :   | Jam nut Receptacle                 |   |   |    |   |    |   |   |                 |
| CONTACT TYPE : | Standard Crimp Contact             |   |   |    |   |    |   |   |                 |
| SHELL SIZE :   | 15                                 |   |   |    |   |    |   |   |                 |
| PLATING :      | S = Nickel                         |   |   |    |   |    |   |   |                 |
|                | CONTACT TYPE : SOCKET(500 Matings) |   |   |    |   |    |   |   |                 |
|                | CONTACT LAYOUT : 15-15             |   |   |    |   |    |   |   |                 |

Contact Layout



| Contacts<br>(Insert arrangement 15-15) |             |             |                     |             |             |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID                    | Location    |             | Contact position ID | Location    |             |
|  | X-axis (mm) | Y-axis (mm) |                     | X-axis (mm) | Y-axis (mm) |
| A                                      | +100 (2.54) | +225 (5.72) | J                   | -244 (6.20) | +014 (0.36) |
| B                                      | +202 (5.13) | +140 (3.56) | K                   | -202 (5.13) | +140 (3.56) |
| C                                      | +244 (6.20) | +014 (0.36) | L                   | -100 (2.54) | +225 (5.72) |
| D                                      | +218 (5.54) | -113 (2.87) | M                   | +000 (0.00) | +140 (3.56) |
| E                                      | +126 (3.20) | -209 (5.31) | N                   | +110 (2.79) | +040 (1.02) |
| F                                      | +000 (0.00) | -245 (6.22) | P                   | +000 (0.00) | -077 (1.96) |
| G                                      | -126 (3.20) | -209 (5.31) | R                   | -110 (2.79) | +040 (1.02) |
| H                                      | -218 (5.54) | -113 (2.87) |                     |             |             |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 15         | -15             | 14                 | 16            | I              | P<br>All other   | MS20052-15 |

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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| FORMAT         | <b>SOURIAU DRG N° 8D715S15BD-C</b>          |                            | SHEET 2/2   |