



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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

| Connector dimension |                 |
|---------------------|-----------------|
| Dim                 | Nominal         |
| A                   | 38.1±0.3        |
| B                   | 23.82+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 34.9±0.4        |
| W                   | 2.2+0.9/-0.1    |
| VV THREAD           | M18x1-6g        |

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: 8D713S98SCL**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 28-09-2016  | 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° 8D713S98SCL-C</b>   |
|              |   |                                | SHEET<br>1/2  |

|                |                        |   |   |    |   |    |   |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 13 | S | 98 | S | C | L | Delivered W/O Contacts             |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   |   | ORIENTATION : C                    |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE :   | 13                     |   |   |    |   |    |   |   |   | CONTACT LAYOUT : 13-98             |
| PLATING :      | S = Nickel             |   |   |    |   |    |   |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 13-98) |             |             |
|--|-------------|-------------|
| Contact position ID                    | Location    |             |
|  | X-axis (mm) | Y-axis (mm) |
| A                                      | +000 (0.00) | +195 (4.95) |
| B                                      | +125 (3.18) | +150 (3.81) |
| C                                      | +193 (4.90) | +030 (0.76) |
| D                                      | +104 (4.17) | -105 (2.67) |
| E                                      | +000 (0.00) | -135 (3.43) |
| F                                      | -164 (4.17) | -105 (2.67) |
| G                                      | -193 (4.90) | +030 (0.76) |
| H                                      | -125 (3.18) | +150 (3.81) |
| J                                      | +065 (1.65) | -015 (0.38) |
| K                                      | -065 (1.65) | -015 (0.38) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -98             | 10                 | 20            | I              | All              | MS20051-98 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 24.26+0/-0.25 |
| ØC  | 25.65+0.25/-0 |

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| FORMAT         | <b>SOURIAU DRG N° 8D713S98SCL-C</b>         |                            | SHEET 2/2   |