



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                   | 49.2±0.3        |
| B                   | 33.32+0.1/-0.15 |
| R                   | 32.5Max         |
| S                   | 46±0.4          |
| W                   | 3+0.9/-0.1      |
| VV THREAD           | M28x1-6g        |

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: 8D719K32PA**

|                |   |                            |   |
|----------------|---|----------------------------|---|
| A              | 30-09-2016                                  | 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   |
| NA             |   | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D719K32PA-C</b>          |                            | SHEET 1/2   |

|                |                        |   |   |    |   |    |   |   |                                 |
|----------------|------------------------|---|---|----|---|----|---|---|---------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 19 | K | 32 | P | A | ORIENTATION : A                 |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : PIN(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 19-32          |
| SHELL SIZE :   | 19                     |   |   |    |   |    |   |   |                                 |
| PLATING :      | K = Passivated         |   |   |    |   |    |   |   |                                 |

Contact Layout



| Contacts<br>(insert arrangement 19-32) |                  |             |                     |                  |             |
|--|------------------|-------------|---------------------|------------------|-------------|
| Contact position ID                    | Contact location |             | Contact position ID | Contact location |             |
|  | X-axis (mm)      | Y-axis (mm) |                     | X-axis (mm)      | Y-axis (mm) |
| A                                      | +066 (1.68)      | +353 (8.97) | T                   | -.066 (1.68)     | +353 (8.97) |
| B                                      | +189 (4.80)      | +305 (7.75) | U                   | +000 (0.00)      | +230 (5.84) |
| C                                      | +286 (7.26)      | +217 (5.51) | V                   | +124 (3.15)      | +193 (4.90) |
| D                                      | +345 (8.76)      | +098 (2.49) | W                   | +209 (5.31)      | +092 (2.41) |
| E                                      | +357 (9.07)      | -033 (0.84) | X                   | +228 (5.79)      | -033 (0.84) |
| F                                      | +321 (8.15)      | -160 (4.06) | Y                   | +174 (4.42)      | -151 (3.84) |
| G                                      | +242 (6.15)      | -265 (6.73) | Z                   | +065 (1.65)      | -221 (5.61) |
| H                                      | +130 (3.30)      | -335 (8.51) | a                   | -.065 (1.65)     | -221 (5.61) |
| J                                      | -000 (0.00)      | -359 (9.12) | b                   | -174 (4.42)      | -151 (3.84) |
| K                                      | -130 (3.30)      | -335 (8.51) | c                   | -228 (5.79)      | -033 (0.84) |
| L                                      | -242 (6.15)      | -265 (6.73) | d                   | -209 (5.31)      | +092 (2.41) |
| M                                      | -321 (8.15)      | -160 (4.06) | e                   | -124 (3.15)      | +193 (4.90) |
| N                                      | -357 (9.07)      | -033 (0.84) | f                   | +000 (0.00)      | +096 (2.44) |
| P                                      | -345 (8.76)      | +098 (2.49) | g                   | +096 (2.44)      | +000 (0.00) |
| R                                      | -286 (7.26)      | +217 (5.51) | h                   | +000 (0.00)      | -096 (2.44) |
| S                                      | -189 (4.80)      | +305 (7.75) | j                   | -.096 (2.44)     | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 19         | -32             | 32                 | 20            | I              | All              | MS20054-32 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal       |
|-----|---------------|
| B   | 33.91+0/-0.25 |
| ØC  | 35.18+0.25/-0 |

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| FORMAT         | <b>SOURIAU DRG N° 8D719K32PA-C</b>   |                            | SHEET 2/2   |