

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Olive drab Cadmium
- 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 +175°C
- Salt Spray : 500 hours
- Mass : 29.7 g ± 10%

| 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.)

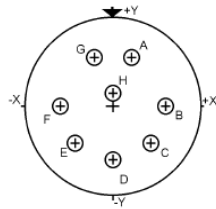
| Country | Jurisdiction & Control List |
|---------|-----------------------------|
| FR      | Not Listed                  |

**PN: 8D713W08BE**

|              |   |                                |   |
|--------------|---|--------------------------------|---|
| A            | 29-09-2016  | First Release                  |   |
| ISS          | DATE  | Latest modification - by       | MOD N°  |
| Designed By: |   | Date:                          | <b>CUSTOMER DRAWING</b>   |
| <b>TITLE</b> | <b>Aluminium 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° 8D713W08BE-C</b>  |
|              |   |                                | SHEET 1/2   |

|                |                        |   |   |    |   |    |   |   |                                    |
|----------------|------------------------|---|---|----|---|----|---|---|------------------------------------|
| BASIC SERIES:  | 8D                     | 7 | - | 13 | W | 08 | B | E | ORIENTATION : E                    |
| SHELL TYPE :   | Jam nut Receptacle     |   |   |    |   |    |   |   | CONTACT TYPE : SOCKET(500 Matings) |
| CONTACT TYPE : | Standard Crimp Contact |   |   |    |   |    |   |   | CONTACT LAYOUT : 13-08             |
| SHELL SIZE :   | 13                     |   |   |    |   |    |   |   |                                    |
| PLATING :      | W = Olive drab Cadmium |   |   |    |   |    |   |   |                                    |

Contact Layout



| Contacts<br>(Insert arrangement 13-8) |                  |             |
|---------------------------------------|------------------|-------------|
| Contact position ID                   | Contact location |             |
|                                       | X-axis (mm)      | Y-axis (mm) |
| A                                     | +065 (1.65)      | +157 (3.99) |
| B                                     | +170 (4.32)      | +000 (0.00) |
| C                                     | +120 (3.05)      | -120 (3.05) |
| D                                     | +000 (0.00)      | -170 (4.32) |
| E                                     | -120 (3.05)      | -120 (3.05) |
| F                                     | -170 (4.32)      | +000 (0.00) |
| G                                     | -065 (1.65)      | +157 (3.99) |
| H                                     | +000 (0.00)      | +044 (1.12) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 13         | -8              | 8                  | 20            | I              | All              | MS20051-8  |

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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| <b>TITLE</b>   | Aluminium Receptacle 8D series     |                            |   |
| SCALE          |                                    | General linear Tolerances: | NPRDS / PROJECT   |
| NA             |                                    | ±--                        | <b>859</b>  |
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| FORMAT         | <b>SOURIAU DRG N° 8D713W08BE-C</b> |                            | SHEET 2/2   |