



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 : 9.15 g ± 10%

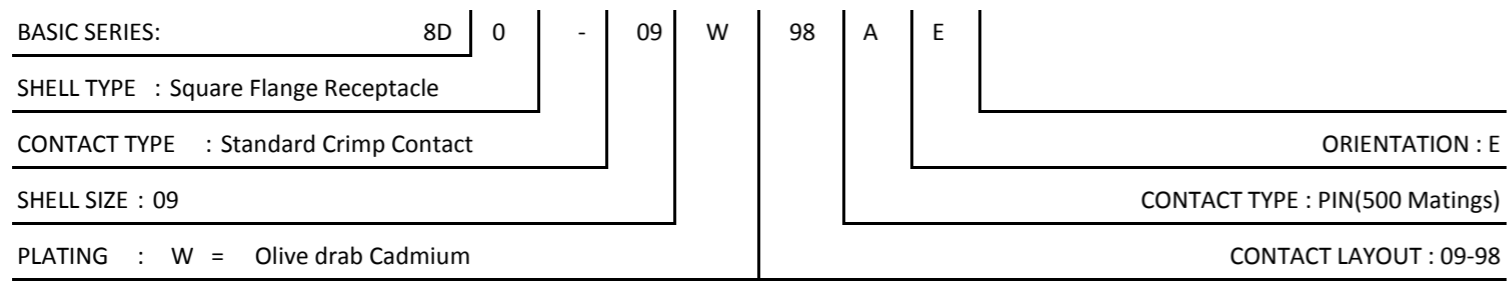
| Connector dimension |               |
|---------------------|---------------|
| Dim                 | Nominal       |
| P                   | 3.25±0.2      |
| PP                  | 5.49±0.2      |
| R1                  | 18.26         |
| R2                  | 15.09         |
| S                   | 23.8±0.3      |
| V                   | 20.83+0/-1.25 |
| W                   | 2.1/2.5       |
| Z                   | 31.5 Max      |
| VV THREAD           | M12x1-6g      |

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: 8D009W98AE**

|   |                                    |                                |                               |
|---|------------------------------------|--------------------------------|-------------------------------|
| A   | 03-10-2016                         | First Release                  |                               |
| ISS   | DATE                               | Latest modification - by       | MOD N°                        |
| Designed By:  |                                    | Date:                          | <b>CUSTOMER DRAWING</b>       |
| <b>TITLE</b>  |                                    | Aluminium Receptacle 8D series |                               |
| SCALE   | NA                                 | General linear Tolerances: ±-- | NPRDS / PROJECT<br><b>859</b> |
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| FORMAT  | <b>SOURIAU DRG N° 8D009W98AE-C</b> |                                | SHEET<br>1/2                  |



Contact Layout



| Contacts<br>(insert arrangement 9-98) |                  |             |
|---------------------------------------|------------------|-------------|
| Contact position ID                   | Contact location |             |
|                                       | X-axis (mm)      | Y-axis (mm) |
| A                                     | +065 (1.65)      | +038 (0.97) |
| B                                     | +000 (0.00)      | -075 (1.91) |
| C                                     | -065 (1.65)      | +038 (0.97) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 9          | -98             | 3                  | 20            | I              | All              | MS20049-98 |

Panel Cutout



| Dim | Nominal    |
|-----|------------|
| ØA  | 16.66 min  |
| ØAA | 13.11 min  |
| R1  | 18.26      |
| ØT  | 3.25 ±0.13 |

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| NA             |                                       |                                |   |
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| FORMAT         | <b>SOURIAU DRG N° 8D009W98AE-C</b>    |                                | SHEET<br>2/2  |