



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

| Connector dimension | |
|---------------------|-----------------|
| Dim | Nominal |
| A | 44.5±0.3 |
| B | 30.15+0.1/-0.15 |
| R | 32.5Max |
| S | 41.3±0.4 |
| W | 2.2+0.9/-0.1 |
| VV THREAD | M25x1-6g |

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: 8D717W22SA

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 01-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

| | | | |
|--------------|--------------------------------|--------------------------------|-------------------------------|
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | NA | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |

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| FORMAT A3 | SOURIAU DRG N° 8D717W22SA-C | SHEET 1/2 |
|---------------------|--|--------------|

BASIC SERIES: 8D | 7 | - | 17 | W | 22 | S | A

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 17

PLATING : W = Olive drab Cadmium

ORIENTATION : A

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 17-22

Contact Layout

22



2#12
2#8 Triax

| 17-22 | | |
|-------|-------|-------|
| Ctc | X | Y |
| A | 0 | 4.57 |
| B | 6.32 | 0 |
| C | 0 | -4.57 |
| D | -6.32 | 0 |

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



| Dim | Nominal |
|-----|---------------|
| B | 30.73+0/-0.25 |
| ØC | 32.01+0.25/-0 |

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| FORMAT A3 | SOURIAU DRG N° 8D717W22SA-C | | SHEET 2/2 |