



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc 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 +175°C
- Salt Spray : 500 hours
- Mass : 30.91 g ± 10%

| Connector dimension | |
|---------------------|---------------|
| Dim | Nominal |
| P | 3.25±0.2 |
| PP | 4.93±0.2 |
| R1 | 26.97 |
| R2 | 24.61 |
| S | 33.3±0.3 |
| V | 20.83+0/-1.25 |
| W | 2.1/2.5 |
| Z | 31.5 Max |
| 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: 8D017Z75SDL

| | | | |
|----------------|---------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------|
| B | 18-04-17 | Drawing Update | |
| 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 |
| SOURIAU | WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | A3 | | SHEET 1/2 |
| | | SOURIAU DRG N° 8D017Z75SDL-C | |

| | | | | | | | | | | |
|----------------|--------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES: | 8D | 0 | - | 17 | Z | 75 | S | D | L | Delivered W/O Contacts |
| SHELL TYPE : | Square Flange Receptacle | | | | | | | | | ORIENTATION : D |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE : | 17 | | | | | | | | | CONTACT LAYOUT : 17-75 |
| PLATING : | Z = Black Zinc Nickel | | | | | | | | | |

Contact Layout

75



2#8 Triax

| 17-75 | | |
|-------|---|-------|
| Ctc | X | Y |
| A | 0 | 4.75 |
| B | 0 | -4.75 |

Panel Cutout



Max. thickness panel for receptacle: Type 0: front mounting = 3.2 mm, rear mounting = 2.5 mm

| Dim | Nominal |
|-----|------------|
| ØA | 30.96 min |
| ØAA | 25.81 min |
| R1 | 26.97 |
| ØT | 3.25 ±0.13 |

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: 8D017Z75SDL

| | | | |
|----------------|-------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------|
| B | 18-04-17 | Drawing Update | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Aluminium Receptacle 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
| SOURIAU | WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | SOURIAU DRG N° 8D017Z75SDL-C | | SHEET 2/2 |