



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 44.9 Max |
| Z | 31 Max |
| VV THREAD | M34x1-6g |

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: 8D523W32PAL

| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 07-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

TITLE Aluminium Plug 8D series

| | | | |
|-------|--|----------------------------|-----------------|
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |

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| | | | |
|-----------|-------------------------------------|--|------------|
| FORMAT | SOURIAU DRG N° 8D523W32PAL-C | | SHEET |
| A3 | | | 1/2 |

BASIC SERIES: 8D 5 - 23 W 32 P A L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : A

SHELL SIZE : 23 CONTACT TYPE : PIN(500 Matings)

PLATING : W = Olive drab Cadmium CONTACT LAYOUT : 23-32

4
3
2
1

Contact Layout



| Contacts (Insert arrangement 23-32) | | | | | |
|--|--------------|--------------|---------------------|-------------|-------------|
| Contact position ID | Location | | Contact position ID | Location | |
| | X-axis (mm) | Y-axis (mm) | | X-axis (mm) | Y-axis (mm) |
| A | +100 (2.54) | +450 (11.43) | T | +325 (8.26) | +025 (0.64) |
| B | +325 (8.26) | +325 (8.26) | U | +300 (7.62) | -125 (3.18) |
| C | +425 (10.80) | +150 (3.81) | V | +200 (5.08) | -250 (6.35) |
| D | +450 (11.43) | -075 (1.91) | W | +000 (0.00) | -300 (7.62) |
| E | -375 (9.53) | -275 (6.99) | X | -200 (5.08) | -260 (6.35) |
| F | +200 (5.08) | -400 (10.16) | Y | -300 (7.62) | -125 (3.18) |
| G | +000 (0.00) | -450 (11.43) | Z | -325 (8.26) | +025 (0.64) |
| H | -200 (5.08) | -400 (10.16) | a | -250 (6.35) | +175 (4.45) |
| J | -375 (9.53) | -275 (6.99) | b | -150 (3.81) | +300 (7.62) |
| K | -450 (11.43) | -075 (1.91) | c | +100 (2.54) | +150 (3.81) |
| L | -425 (10.80) | +150 (3.81) | d | +150 (3.81) | +000 (0.00) |
| M | -325 (8.26) | +325 (8.26) | e | +075 (1.91) | -150 (3.81) |
| N | -100 (2.54) | +450 (11.43) | f | -075 (1.91) | -150 (3.81) |
| P | +000 (0.00) | +325 (8.26) | g | -150 (3.81) | +000 (0.00) |
| R | +150 (3.81) | +300 (7.62) | h | -100 (2.54) | +150 (3.81) |
| S | +250 (6.35) | +175 (4.45) | j | +000 (0.00) | +000 (0.00) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 23 | -32 | 32 | 20 | I | All | MS20056-32 |

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| FORMAT | SOURIAU DRG N° 8D523W32PAL-C | | SHEET 2/2 |

H G F E D C B A