



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Passivated
- 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 +200°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: 8D523K32SCL

| | | | |
|---|-------------------------------------|--------------------------------|-------------------------------|
| A | 06-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | | Stainless Steel Plug 8D series | |
| SCALE | NA | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
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| FORMAT | SOURIAU DRG N° 8D523K32SCL-C | | SHEET 1/2 |

| | | | | | | | | | | |
|----------------|-------------------------|---|---|----|---|----|---|---|---|------------------------------------|
| BASIC SERIES: | 8D | 5 | - | 23 | K | 32 | S | C | L | Delivered W/O Contacts |
| SHELL TYPE : | Plug with RFI Shielding | | | | | | | | | ORIENTATION : C |
| CONTACT TYPE : | Standard Crimp Contact | | | | | | | | | CONTACT TYPE : SOCKET(500 Matings) |
| SHELL SIZE : | 23 | | | | | | | | | CONTACT LAYOUT : 23-32 |
| PLATING : | K = Passivated | | | | | | | | | |

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) |
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| 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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| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Stainless Steel Plug 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
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