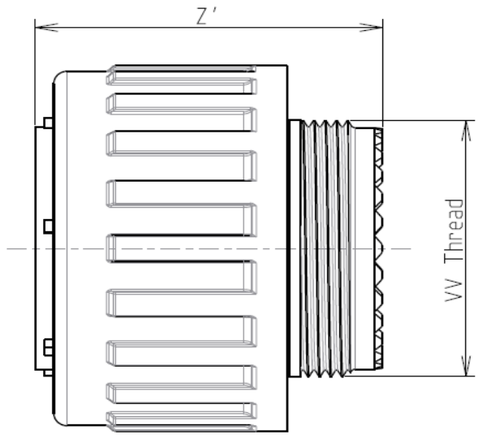
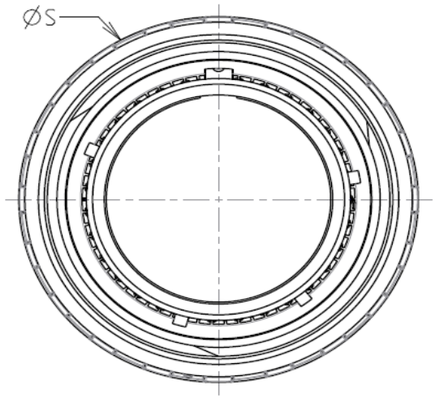
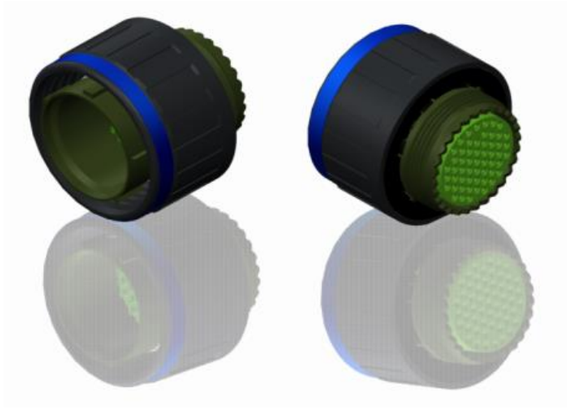



Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Composite
-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 : 2000 hours

| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| ØS | 44.9 Max |
| Z' | 31.5 Max |
| VV THREAD | M34x1-6g |

| BASIC SERIES: | 8D | 5 | - | 23 | J | 54 | A | A |
|---|---|---|---|---|---|---|---|---|
| SHELL TYPE : Plug with RFI Shielding | | | | | | | | |
| CONTACT TYPE : Standard Crimp Contact | | | | | | | | |
| SHELL SIZE : 23 | | | | | | | | |
| PLATING : J = Olive drab Cadmium | | | | | | | | |

ORIENTATION : A
CONTACT TYPE : PIN(500 Matings)
CONTACT LAYOUT : 23-54

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: 8D523J54AA

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 06-10-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Composite Plug 8D series

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

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Contact Layout

54

4#12, 9#16
40#22D

| 23-54 | | | | | |
|---|---|---|---|---|---|
| Ctc | X | Y | Ctc | X | Y |
| 1 | 3.61 | 11.71 | 28 | 7.72 | 6.07 |
| 2 | 5.74 | 10.72 | 29 | 8.97 | 4.11 |
| 3 | 7.65 | 9.45 | 30 | 9.5 | 0 |
| 4 | 9.45 | 7.65 | 31 | 8.97 | -4.11 |
| 5 | 10.72 | 5.74 | 32 | 7.72 | -6.07 |
| 6 | 11.71 | 3.61 | 33 | 6.07 | -7.72 |
| 7 | 11.71 | -3.61 | 34 | 4.11 | -8.97 |
| 8 | 10.72 | -5.74 | 35 | 0 | -9.5 |
| 9 | 9.45 | -7.65 | 36 | -4.11 | -8.97 |
| 10 | 7.65 | -9.45 | 37 | -6.07 | -7.72 |
| 11 | 5.74 | -10.72 | 38 | -7.72 | -6.07 |
| 12 | 3.61 | -11.71 | 39 | -8.97 | -4.11 |
| 13 | -3.61 | -11.71 | 40 | -9.5 | 0 |
| 14 | -5.74 | -10.72 | 41 | -8.97 | 4.11 |
| 15 | -7.65 | -9.45 | 42 | -7.72 | 6.07 |
| 16 | -9.45 | -7.65 | 43 | -6.07 | 7.72 |
| 17 | -10.72 | -5.74 | 44 | -4.11 | 8.97 |
| 18 | -11.71 | -3.61 | 45 | 0 | 4.37 |
| 19 | -11.71 | 3.61 | 46 | 4.37 | 4.37 |
| 20 | -10.72 | 5.74 | 47 | 4.37 | 0 |
| 21 | -9.45 | 7.65 | 48 | 4.37 | -4.37 |
| 22 | -7.65 | 9.45 | 49 | 0 | -4.37 |
| 23 | -5.74 | 10.72 | 50 | -4.37 | -4.37 |
| 24 | -3.61 | 11.71 | 51 | -4.37 | 0 |
| 25 | 0 | 9.5 | 52 | -4.37 | 4.37 |
| 26 | 4.11 | 8.97 | 53 | 0 | 0 |
| 27 | 6.07 | 7.72 | | | |

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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.)

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PN: 8D523J54AA

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 06-10-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Composite Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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SHEET 2/2