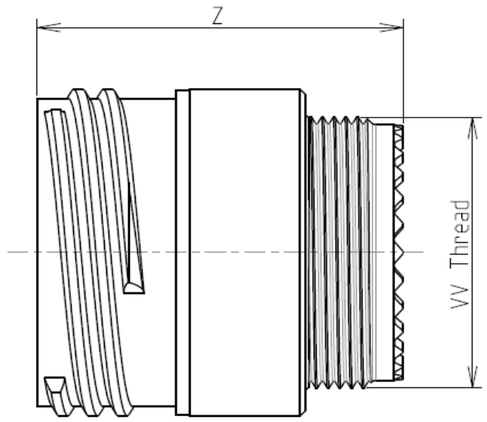
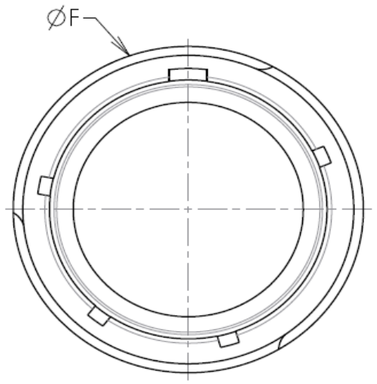
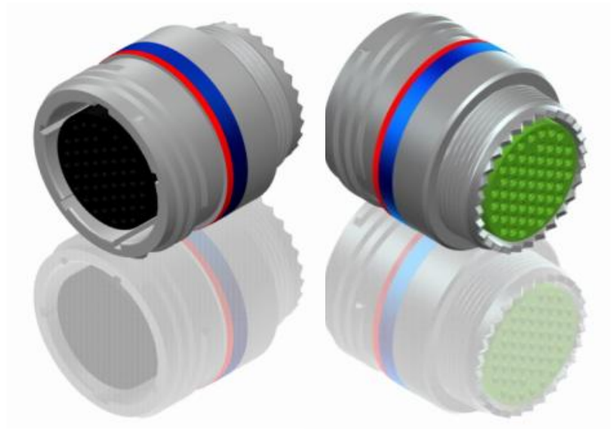



Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

**CHARACTERISTICS**

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Aluminium
-Shell Plating : Nickel
-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 +200°C
-Salt Spray : 48 hours

| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| F | 38.1 Max |
| Z | 31.5 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: 8D123F55SE

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 26-09-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Aluminium Inline plug 8D series

| BASIC SERIES: | 8D | 1 | - | 23 | F | 55 | S | E |
|---|---|---|---|---|---|---|---|---|

SHELL TYPE : In line Receptacle
CONTACT TYPE : Standard Crimp Contact
SHELL SIZE : 23
PLATING : F = Nickel

ORIENTATION : E
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 23-55

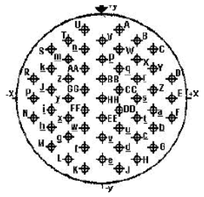
| SCALE | General linear Tolerances: | NPRDS / PROJECT |
|---|---|---|
| NA | ±-- | **859** |

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| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D123F55SE-C | 1/2 |

## Contact Layout



| Contacts (Insert arrangement 23-55) | | | | | |
|---|---|---|---|---|---|
| Contact position ID | Location X-axis (mm) | Location Y-axis (mm) | Contact position ID | Location X-axis (mm) | Location Y-axis (mm) |
| A | +.112 (2.84) | +.455 (11.56) | f | -.112 (2.84) | -.325 (8.26) |
| B | +.225 (5.72) | +.390 (9.91) | g | -.225 (5.72) | -.260 (6.60) |
| C | +.336 (8.53) | +.325 (8.26) | h | -.336 (8.53) | -.195 (4.95) |
| D | +.450 (11.43) | +.130 (3.30) | j | -.336 (8.53) | -.065 (1.65) |
| E | +.450 (11.43) | +.000 (0.00) | J | -.336 (8.53) | +.065 (1.65) |
| F | +.450 (11.43) | -.130 (3.30) | k | -.336 (8.53) | +.195 (4.95) |
| G | +.336 (8.53) | -.325 (8.26) | m | -.225 (5.72) | +.260 (6.60) |
| H | +.225 (5.72) | -.390 (9.91) | n | -.112 (2.84) | +.325 (8.26) |
| J | +.112 (2.84) | -.455 (11.56) | p | +.000 (0.00) | +.260 (6.60) |
| K | -.112 (2.84) | -.455 (11.56) | q | +.112 (2.84) | +.195 (4.95) |
| L | -.225 (5.72) | -.390 (9.91) | r | +.225 (5.72) | +.130 (3.30) |
| M | -.336 (8.53) | -.325 (8.26) | s | +.225 (5.72) | +.000 (0.00) |
| N | -.450 (11.43) | -.130 (3.30) | t | +.225 (5.72) | -.130 (3.30) |
| P | -.450 (11.43) | +.000 (0.00) | u | +.112 (2.84) | -.195 (4.95) |
| R | -.450 (11.43) | +.130 (3.30) | v | +.000 (0.00) | -.260 (6.60) |
| S | -.336 (8.53) | +.325 (8.26) | w | -.112 (2.84) | -.195 (4.95) |
| T | -.225 (5.72) | +.390 (9.91) | x | -.225 (5.72) | -.130 (3.30) |
| U | -.112 (2.84) | +.455 (11.56) | y | -.225 (5.72) | +.000 (0.00) |
| V | +.000 (0.00) | +.390 (9.91) | z | -.225 (5.72) | +.130 (3.30) |
| W | +.112 (2.84) | +.325 (8.26) | AA | -.112 (2.84) | +.195 (4.95) |
| X | +.225 (5.72) | +.260 (6.60) | BB | +.000 (0.00) | +.130 (3.30) |
| Y | +.336 (8.53) | +.195 (4.95) | CC | +.112 (2.84) | +.065 (1.65) |
| Z | +.336 (8.53) | +.065 (1.65) | DD | +.112 (2.84) | -.065 (1.65) |
| a | +.336 (8.53) | -.065 (1.65) | EE | +.000 (0.00) | -.130 (3.30) |
| b | +.336 (8.53) | -.195 (4.95) | FF | -.112 (2.84) | -.065 (1.65) |
| c | +.225 (5.72) | -.260 (6.60) | GG | -.112 (2.84) | +.065 (1.65) |
| d | +.112 (2.84) | -.325 (8.26) | HH | +.000 (0.00) | +.000 (0.00) |
| e | +.000 (0.00) | -.390 (9.91) | --- | --- | --- |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|---|---|---|---|---|---|---|
| 23 | -55 | 55 | 20 | I | All | ---- |

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: 8D123F55SE

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| A | 26-09-2016 | First Release | |

Designed By: Date: **CUSTOMER DRAWING**

**TITLE** Aluminium Inline plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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FORMAT A3

SOURIAU DRG N° 8D123F55SE-C