

H G F E D C B A

4
3
2
1

4
3
2
1



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| F | 35 Max |
| Z | 31.5 Max |
| VV THREAD | M31x1-6g |

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: 8D121W16SN

| | | | |
|-----|------------|--------------------------|--------|
| A | 23-09-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |

Designed By: _____ Date: _____ **CUSTOMER DRAWING**

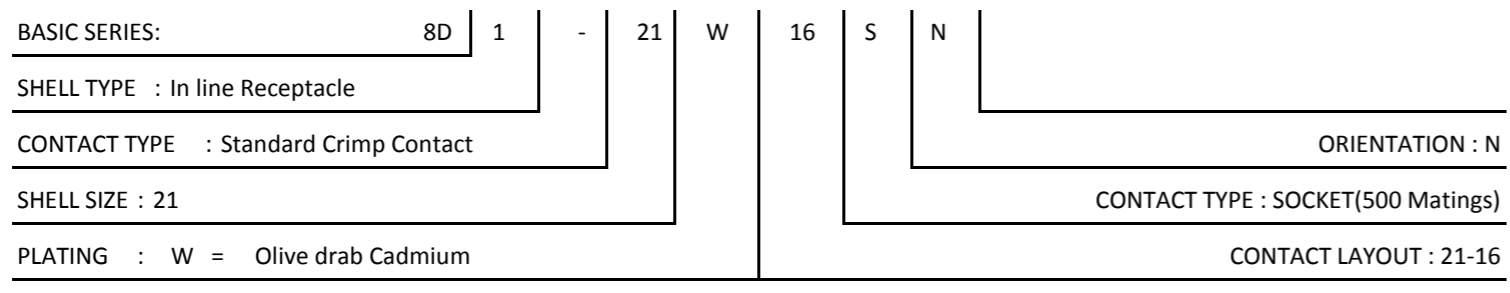
TITLE Aluminium Inline plug 8D series

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

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| | | | |
|-----------|------------------------------------|--|------------|
| FORMAT | SOURIAU DRG N° 8D121W16SN-C | | SHEET |
| A3 | | | 1/2 |



H G F E D C B A

Contact Layout



| Contacts (Insert arrangement 21-16) | | | | | |
|--|-------------|-------------|---------------------|-------------|-------------|
| Contact position ID | Location | | Contact position ID | Location | |
| | X-axis | Y-axis | | X-axis | Y-axis |
| A | +118 (3.00) | +322 (8.18) | J | -341 (8.66) | +036 (0.91) |
| B | +271 (6.88) | +211 (5.36) | K | -271 (6.88) | +211 (5.36) |
| C | +341 (8.66) | +036 (0.91) | L | -118 (3.00) | +322 (8.18) |
| D | +308 (7.82) | -150 (3.81) | M | +000 (0.00) | +175 (4.45) |
| E | +182 (4.62) | -290 (7.37) | N | +154 (3.91) | +062 (1.57) |
| F | +000 (0.00) | -343 (8.71) | P | +094 (2.39) | -122 (3.10) |
| G | -182 (4.62) | -290 (7.37) | R | -094 (2.39) | -122 (3.10) |
| H | -308 (7.82) | -150 (3.81) | S | -154 (3.91) | +062 (1.57) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Supersedes |
|------------|-----------------|--------------------|---------------|----------------|------------------|------------|
| 21 | -16 | 16 | 16 | II | All | MS20055-16 |

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