



LAYOUT SHOWN AS EXAMPLE

Keying 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
- Mass : 47.3 g ± 10%

| Connector dimension | |
|---------------------|----------|
| Dim | Nominal |
| ØS | 41.7 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: 8D521J75AN

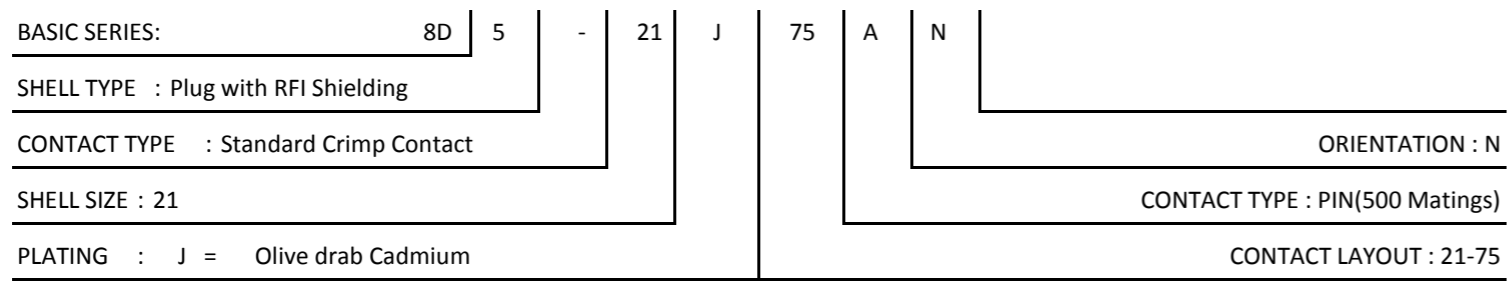
| | | | |
|--------------|------------|--------------------------|-------------------------|
| A | 07-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |

| | | | |
|--------------|---------------------------------|--|--|
| TITLE | Composite Plug 8D series | | |
|--------------|---------------------------------|--|--|

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

| | | |
|----------------|------------------------|--|
| SOURIAU | WWW.SOURIAU.COM | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
|----------------|------------------------|--|

| | | |
|-----------|------------------------------------|------------|
| FORMAT | SOURIAU DRG N° 8D521J75AN-C | SHEET |
| A3 | | 1/2 |



Contact Layout



(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 21-76.)

| Contacts (Insert arrangement 21-75) | | |
|--|-------------|-------------|
| Contact position ID | Location | |
| | X axis | Y axis |
| A | +180 (4.57) | +180 (4.57) |
| B | +180 (4.57) | -180 (4.57) |
| C | -180 (4.57) | -180 (4.57) |
| D | -180 (4.57) | +180 (4.57) |

| Shell size | Arrangement no. | Number of contacts | Size contacts | Service rating | Contact location | Standard contact | |
|------------|-----------------|--------------------|-----------------|----------------|------------------|------------------|---------------|
| | | | | | | Pin | Socket |
| 21 | -75 | 4 | 8 (see note) | Twinax | All | M39029/90-529 | M39029/91-530 |

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: 8D521J75AN

| | | | |
|----------------|------------------------------------|----------------------------|---|
| A | 07-10-2016 | First Release | |
| ISS | DATE | Latest modification - by | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING |
| TITLE | Composite Plug 8D series | | |
| SCALE | | General linear Tolerances: | NPRDS / PROJECT |
| NA | | ±-- | 859 |
| SOURIAU | WWW.SOURIAU.COM | | This document is the property of SOURIAU it must not be reproduced or communicated without permission |
| FORMAT | SOURIAU DRG N° 8D521J75AN-C | | SHEET 2/2 |