| T G  | m                          |              | 0  | ∞ >                         | •          |
|--|----------------------------|--------------|--|-----------------------------|------------|
| Z<br>Thread by the second |                            |              |  |                             |            |
|  |                            |              | LAYOUT SHOWN AS EXAM   | APLE                        |            |
|  | Keying Shown as example    |              |  |                             |            |
| CHARACTERISTICS  | Connector dimension        |              |  |                             |            |
| -Standard : Based on MIL-DTL-38999 Series III  | Dim Nominal                |              |  |                             |            |
| -Shell Material : Aluminium  | ØS 41.7 Max<br>Z 31 Max    |              | SOURIAU shall not be liable for any no                                     | on-conformity or damage     |            |
| -Shell Plating : Black Zinc Nickel   | VV THREAD M31x1-6g         |              | due to a use of the Products which   | does not comply with        |            |
| -Insulator : Thermoplastic   |                            |              | the Specifications issued by either of the<br>(professional recommendation |                             |            |
| -Contacts : Copper Alloy   |                            |              | u  |                             |            |
| -Seals & Grommet : Silicon Elastomer   |                            |              | Country  | Jurisdiction & Control List |            |
| -Contact Plating : Gold over copper Alloy 0.8µm minimum  |                            |              | FR   | Not Listed                  |            |
| -Durability : 500 Mating cycles  |                            |              | PN: 8D521Z4  | 8AD                         |            |
| -Delivered with Souriau contacts and Accessories   |                            |              | · · · · · · · · · · · · · · · · · · ·                                      |                             |            |
| -Temperature Range65°C to +175°C   |                            | A 12-10-2016 | First Release  |                             |            |
| -Salt Spray : 500 hours<br>-Mass : 49.59 g ± 10%   |                            | ISS DATE     | Latest modification - by   |                             | MOD N°     |
| 191035 το  |                            | Designed By: | Date:  | CUSTOMER DRAWING            |            |
|  |                            | TITLE        | Aluminiu   | m Plug 8D series            |            |
|  |                            | SCALE        | General linear   | NPRDS / PROJECT             |            |
| BASIC SERIES: 8D 5 - 21 Z 48   | A D                        |              |  | 859                         |            |
| SHELL TYPE : Plug with RFI Shielding   |                            | NA           |  | This document is the p      | roperty of |
| CONTACT TYPE : Standard Crimp Contact  | ORIENTATIC                 | N:D SOURIAU  | WWW.SOURIAU.CO   | COLIDIALI                   |            |
| SHELL SIZE : 21  | CONTACT TYPE : PIN(500 Mat |              |  | communicated without        |            |
| PLATING : Z = Black Zinc Nickel  | CONTACT LAYOUT : 2         | PORMAT       | SOURIAU D  | RG N°                       | SHEET      |
| L  |                            | A3           | 8D521Z48   |                             | 1/2        |
|  |                            |              |  |                             |            |

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|---|---|----------------|------------|---|---|---|--|
|   |   | Contact Layout |            |   |   |   |  |
|   |   | 48             |            |   |   |   |  |
|   |   | -              |            |   |   |   |  |
| 4 |   |                |            |   |   |   |  |
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4#8 Power

| 21-48 |       |       |  |  |
|-------|-------|-------|--|--|
| Ctc   | x     | Y     |  |  |
| Α     | 4.57  | 4.57  |  |  |
| В     | 4.57  | -4.57 |  |  |
| С     | -4.57 | -4.57 |  |  |
| D     | -4.57 | 4.57  |  |  |

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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.) Country FR PN: 8D521Z48AD 12-10-2016 First Release А ISS DATE Latest modification - by Designed By: Date: TITLE SCALE General linear  $( \bigcirc$ Tolerances: NA ±---**SOURIAU** WWW.SOURIAU.COM FORMAT A3 С D

