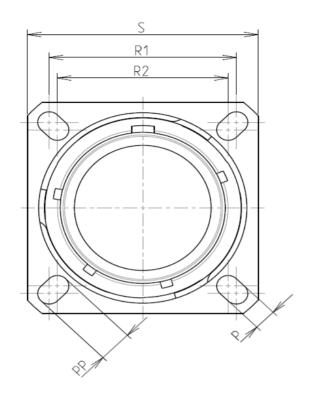
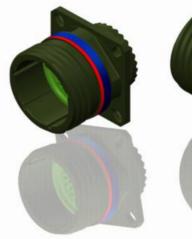
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|---|---|---|---|-----|







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 13

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : W = Olive drab Cadmium

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-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 |                                     | : 500 Mating cycles                    |  |  |
|                                 | -Delivered without Souriau contacts |  |  |  |
|                                 | -Temperature Range                  | : -65°C to +175°C                      |  |  |
|                                 | -Salt Spray                         | : 500 hours                            |  |  |

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| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| Dim                 | Nominal       |  |  |
| Р                   | 3.25±0.2      |  |  |
| РР                  | 4.93±0.2      |  |  |
| R1                  | 23.01         |  |  |
| R2                  | 20.62         |  |  |
| S                   | 28.6±0.3      |  |  |
| V                   | 20.83+0/-1.25 |  |  |
| W                   | 2.1/2.5       |  |  |
| Z                   | 31.5 Max      |  |  |
| VV THREAD           | M18x1-6g      |  |  |

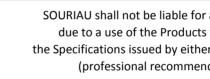
Delivered W/O Contacts

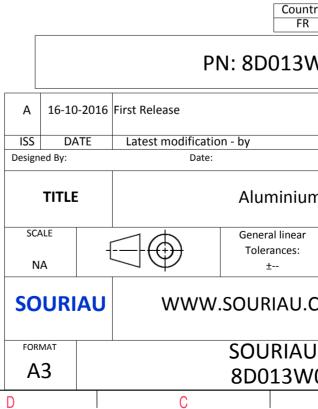
CONTACT LAYOUT : 13-03

CONTACT TYPE : PIN(500 Matings)

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ORIENTATION : E





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|--|-------------------------------|--------|---|--|
|  |                               |        | 4 |  |
| S EXAMPLE  |                               |        | 3 |  |
| any non-conformit<br>which does not co<br>or of the Parties or b<br>adation, technical n<br>untry Jurisd<br>R<br>SWO3PEL | mply with<br>by a third party |        | 2 |  |
|  |                               |        |   |  |
|  | CUSTOMER DRAWING              | MOD N° |   |  |
| Im Receptacle 8D series  |                               |        |   |  |
| ar   | NPRDS / PROJECT 859           |        |   |  |
| .COM This document is the property of SOURIAU it must not be reproduced or communicated without permission               |                               |        |   |  |
| U DRG N°   |                               | SHEET  |   |  |
| NO3PEL-C   | A                             | 1/2    |   |  |
| U U  | 1 / 1                         |        |   |  |

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|------------|--------------------|--|------------|---|--|--|---|
|            |                    | Contact Layout   |            |   |  | SQUARE FLANGE RECEPTACLE (TYPE)<br>REAR MOUNTING<br>R1                                 | Panel Cuto                                      |
| 4          |                    | 3#16   |            |   | 2                                      |  |   |
|            | Ctc<br>A<br>B<br>C | 13-03           X         Y           2.39         1.47           0         -2.79           -2.39         1.47 |            |   | ¥                                      |  | vim   |
| ယ          |                    |  |            |   |  | Ø.<br>F  | ðА<br>АА<br>Я1<br>ðт                            |
|            | _                  |  |            |   |  | SOURIAU shall not b<br>due to a use of th<br>the Specifications issue<br>(professional | e Products w<br>ed by either o                  |
| N          |                    |  |            |   |  | PN: :  | Count<br>FR<br>8D013V                           |
|            |                    |  |            |   | A 16-10-20<br>ISS DATE<br>Designed By: | 016 First Release<br>Latest modification - b<br>Date:                                  | У   |
| _ <b>_</b> |                    |  |            |   | SCALE<br>NA                            |  | Aluminiur<br>General linear<br>Tolerances:<br>± |
|            |                    |  |            |   | FORMAT                                 |  | OURIAU.   |
|            | Н                  | G  | F          | E | A3                                     | 8<br>C   | D013W   |

