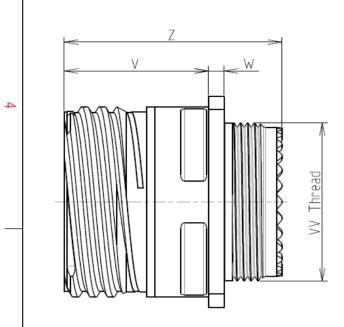
| т | ۵ | н <b>п</b> | п | D | 0 |
|---|---|------------|---|---|---|
|   |   |            |   |   |   |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 25

PLATING : F = Nickel

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

ယ

-Standard : Based on MIL-DTL-38999 Series III

|   | -Shell Material                     | : Aluminium                            |  |  |  |
|---|-------------------------------------|--|--|--|--|
| N | -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 without Souriau contacts |  |  |  |  |
|   | -Temperature Range                  | <sub>:</sub> -65°C to +200°C           |  |  |  |
|   | -Salt Spray                         | : 48 hours                             |  |  |  |
|   |                                     |  |  |  |  |

8D 0

G

25

F

90

S

F

B L

| Dim       | Nominal       |  |  |
|-----------|---------------|--|--|
| Р         | 3.91±0.2      |  |  |
| PP        | 6.15±0.2      |  |  |
| R1        | 38.1          |  |  |
| R2        | 34.93         |  |  |
| S         | 46±0.3        |  |  |
| V         | 20.07+0/-1.25 |  |  |
| W         | 2.1/3.2       |  |  |
| Z         | 31.5 Max      |  |  |
| VV THREAD | M37x1-6g      |  |  |

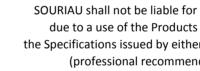
Delivered W/O Contacts

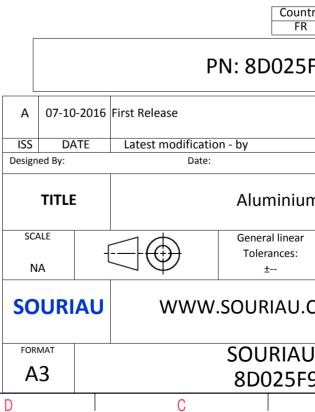
CONTACT LAYOUT : 25-90

CONTACT TYPE : SOCKET(500 Matings)

Е

**ORIENTATION : B** 





|   | Φ   |                             | A   |          |   |
|---|---|-----------------------------|---|----------|---|
|   | R   |                             |   |          | 4 |
| AS EXA  | AMPLE   |                             |   |          | 3 |
| s which<br>er of t<br>indation<br>untry<br>FR | non-conformit<br>th does not co<br>he Parties or to<br>on, technical no<br>Jurisd | mply with<br>by a third par |   |          | 2 |
|   |   |                             |   |          |   |
|   |   | CUSTOME                     | R DRAWING   | MOD N°   |   |
| um  | Receptacl   | e 8D seri                   | es  |          |   |
| ar<br>:                                       |   |                             | ' PROJECT<br><b>59</b>                              |          |   |
|   |   |                             | cument is the prop                                  | perty of | 1 |
| J.CC  | M   |                             | SOURIAU<br>at not be reproduction icated without pe |          |   |
|   | DRG N°  |                             |   | SHEET    |   |
| F9(   | OSBL-C  | 1                           |   | 1/2      | J |
|   | В   |                             | А   |          |   |
|   |   |                             |   |          |   |

| - | Ŧ  | <u>م</u>  | н <b>т</b> | m |  | 0   |                                      |
|---|--|---|------------|---|--|---|--------------------------------------|
|   |  | Contact Layout  |            |   |  | Pa  | anel Cutout                          |
| 4 |  | $ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $ |            |   | Ā                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |                                      |
|   | Contact<br>position<br>ID  Locatic<br>(mm)    A  +.065 (1.65)    B  +.275 (6.99)    C  +.490 (10.67)    D  +.490 (12.45)    E  +.531 (13.49)    G  +.490 (12.45)    H  +.420 (10.67)   | Y-axis<br>(mm)  Contact<br>position ID  X-axis<br>(mm)  Y-axis<br>(mm)    +.533 (13.54)  a  +.404 (10.26)  +.125 (3.18)    +.466 (11.84)  b  +.437 (11.10)  +.000 (0.00)    +.337 (18.66)  c  +.404 (10.26) 125 (3.18)    +.227 (6.77)  d  +.314 (17.98) 221 (5.61)    +.093 (2.36)  e  +.245 (6.22) 337 (8.56)   227 (5.77)  g  +.000 (0.00) 395 (10.03)   337 (8.56)  h 136 (3.45) 424 (10.77)  |            |   | £<br>₩                                 | ØA  | δ <u>τ_</u>                          |
| ယ | $\begin{array}{c c} K & +0.65(1.65) \\ L & -0.66(1.65) \\ M &275(6.99) \\ N &420(10.67) \\ P &490(12.45) \\ R &531(13.49) \\ S &531(13.49) \\ T &490(12.45) \\ U &420(10.67) \\ V &275(6.99) \\ W &065(1.65) \\ X & +.136(3.45) \\ Y & +.245(6.22) \\ Y & +.245(6.22) \end{array}$ | $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |            |   |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |                                      |
|   | size ment no. contacts co<br>25 -90 4  | Size<br>ontacts  Service<br>rating  Contact<br>location  Standard contact    8<br>te note)  Twinax  W. Z  M39029/90-529  M39029/91-530    16  I  Y. X. X.<br>AA  M39029/56-364  M39029/56-362    20  I  All others  M39029/56-363  M39029/56-351  | 2          |   |  | SOURIAU shall not be lia<br>due to a use of the Pr<br>the Specifications issued b<br>(professional reco | oducts whi<br>y either of            |
| N |  |   |            |   |  | PN: 8[  | Country<br>FR                        |
|   |  |   |            |   | A 07-10-20<br>ISS DATE<br>Designed By: | 16 First Release<br>Latest modification - by<br>Date:   |                                      |
| _ |  |   |            |   | TITLE<br>SCALE<br>NA                   | Gener<br>   | minium<br>ral linear<br>rances:<br>± |
|   |  |   |            |   | SOURIA                                 | U WWW.SOUF  | RIAU.CO                              |
|   |  |   |            | _ | FORMAT<br>A3                           |   | JRIAU<br>025F9                       |
|   | Н  | G   | F          | E | D                                      | С   |                                      |

