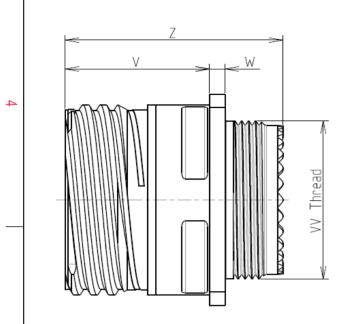
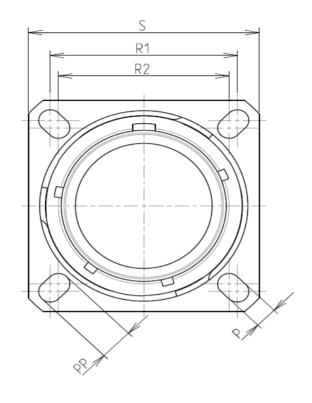
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|   |   |            |   |   |







Keying Shown as example

## CHARACTERISTICS

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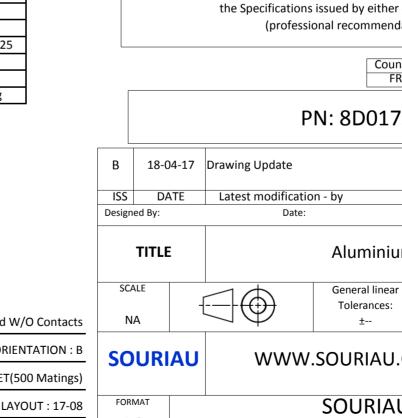
-Mass

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

| -Shell Material                     | : Aluminium                            |  |
|-------------------------------------|--|--|
| -Shell Plating                      | : Black Zinc 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                  | : -65°C to +175°C                      |  |
| -Salt Spray                         | : 500 hours                            |  |

: 29.69 g ± 10%

| Connector dimension |               |  |
|---------------------|---------------|--|
| Dim                 | Nominal       |  |
| Р                   | 3.25±0.2      |  |
| PP                  | 4.93±0.2      |  |
| R1                  | 26.97         |  |
| R2                  | 24.61         |  |
| S                   | 33.3±0.3      |  |
| V                   | 20.83+0/-1.25 |  |
| W                   | 2.1/2.5       |  |
| Z                   | 31.5 Max      |  |
| VV THREAD           | M25x1-6g      |  |



|                                       |                                    | TITLE    |             |
|---------------------------------------|------------------------------------|----------|-------------|
| BASIC SERIES: 8D 0 - 17 Z             | 08 S B L                           | SCALE    |             |
| SHELL TYPE : Square Flange Receptacle | Delivered W/O Contacts             | NA       | $\neg \Psi$ |
| CONTACT TYPE : Standard Crimp Contact | ORIENTATION : B                    | SOURIAU  | WW          |
| SHELL SIZE : 17                       | CONTACT TYPE : SOCKET(500 Matings) | 50011110 |             |
| PLATING : Z = Black Zinc Nickel       | CONTACT LAYOUT : 17-08             | FORMAT   |             |
|                                       |                                    | A3       |             |
| H G                                   | F I E                              | D        | С           |

| ~   |                                    |                        | i        | - |        |   |
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| 0   |                                    | Φ                      |          | A |        | 1 |
|   |                                    |                        |          |   |        | 4 |
| LAY   | YOUT SHOWN AS EXA                  | MPLE                   |          |   |        | 3 |
| SOURIAU shall not be liable for any non-conformity or damage<br>due to a use of the Products which does not comply with<br>the Specifications issued by either of the Parties or by a third party<br>(professional recommendation, technical notice.) |                                    |                        |          |   |        | 2 |
| PN: 8D017Z08SBL   |                                    |                        |          |   | 2      |   |
| rawing Update   |                                    |                        |          |   |        |   |
| Latest modificatio<br>Date:   | n - by                             |                        | CUSTOMED |   | MOD N° |   |
| Date:     CUSTOMER DRAWING       Aluminium Receptacle 8D series   |                                    |                        |          |   |        |   |
| $\exists \bigoplus$   | General linear<br>Tolerances:<br>± | NPRDS / PROJECT<br>859 |          |   | 1      |   |
| WWW.SOURIAU.COM       This document is the property of SOURIAU         it must not be reproduced or communicated without permission   |                                    |                        |          |   |        |   |
| SOURIAU DRG N°         SHEET           8D017Z08SBL-C         1/2  |                                    |                        |          |   |        |   |
| С   |                                    | В                      |          | А |        | J |
|   |                                    |                        |          |   |        |   |

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|---|--|--|------|---|---------------------------------------|---|------------------------------|
|   |  | Contact Layout   |      |   |                                       |   | Panel Cutor                  |
| 4 | -x (   | $ \begin{array}{c}                                     $   |      |   | λ<br>~                                | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |                              |
| _ | Conta<br>position<br>A<br>B<br>C<br>D<br>E           | Contacts<br>(insert arrangement 17-8)           ct<br>1DD         Location<br>X-axis<br>(mm)         Y-axis<br>(mm)           +.000 (0.00)         +.236 (5.99)           +.128 (3.25)         +.086 (2.18)           +.230 (5.84)        078 (1.98)           +.094 (2.39)        216 (5.49)  |      |   | <u> </u>                              | Max. thickness panel for receptacle: Typ  | Ø⊺<br>pe 0: front mot        |
| ω | F<br>G<br>H<br>Shell Arrangement Nun<br>size no. cor | -094 (2.39)         -216 (5.49)           -230 (5.84)         -078 (1.96)           -128 (3.25)         +086 (2.18)           +.000 (0.00)         -052 (1.32)           nber of         Size           stacts         Service           contacts         rating           location         Supersedes           8         16         II           All         MS20053-8 |      |   |                                       | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |                              |
|   |  |  |      |   |                                       | SOURIAU shall not be lia<br>due to a use of the Pr<br>the Specifications issued b<br>(professional reco | Products wi<br>by either o   |
| N |  |  |      |   |                                       | PN: 81  | Countr<br>FR<br>D0172        |
| _ |  |  |      |   | B 18-04-1<br>ISS DATE<br>Designed By: | 7 Drawing Update<br>Latest modification - by<br>Date:   |                              |
| - |  |  |      |   | TITLE<br>SCALE<br>NA                  |   | eral linear<br>erances:<br>± |
|   |  |  |      |   | FORMAT                                |   | riau.c<br>Uriau              |
|   |  |  |      |   | A3                                    | 8D  | 017Z                         |
|   | Н  | G  | l F  | E | D                                     | C   |                              |

