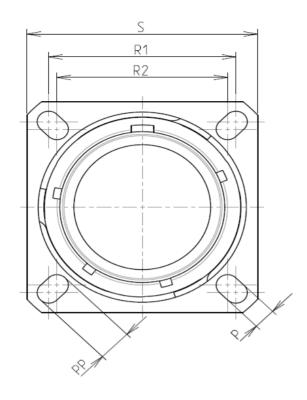
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|---|---|------------|---|---|
|   |   |            |   |   |







Keying Shown as example

## CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE : 13

SHELL TYPE : Square Flange Receptacle

PLATING : X = Without Plating

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CONTACT TYPE : Standard Crimp Contact

-Mass

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

| -Shell Material                                  | : Composite                                  |  |  |  |  |
|--|--|--|--|--|--|
| -Shell Plating                                   | : Without Plating                            |  |  |  |  |
| -Insulator                                       | : Thermoplastic                              |  |  |  |  |
| -Contacts  | : Copper Alloy                               |  |  |  |  |
| -Seals & Grommet                                 | : Silicon Elastomer                          |  |  |  |  |
| -Contact Plating                                 | : Gold over copper Alloy $0.8 \mu m$ minimum |  |  |  |  |
| -Durability                                      | : 500 Mating cycles                          |  |  |  |  |
| -Delivered with Souriau contacts and Accessories |  |  |  |  |  |
| -Temperature Range                               | 65℃ to +175℃                                 |  |  |  |  |

: 2000 hours

: 14.1 g ± 10%

8D 0

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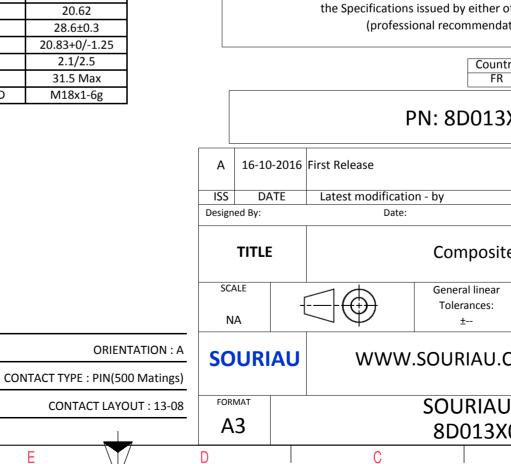
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| Connector dimension |               |  |  |
|---------------------|---------------|--|--|
| Dim                 | Nominal       |  |  |
| Р                   | 3.25±0.2      |  |  |
| PP                  | 4.93±0.2      |  |  |
| R1                  | 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      |  |  |

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|---|-------------------------------|-------|--------------------------|---------|--------|---|--|
|   |                               |       |                          |         |        | 4 |  |
| LAYOUT SHOWN AS EXAMPLE   |                               |       |                          |         |        |   |  |
| 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.)<br>Country Jurisdiction & Control List<br>FR Not Listed |                               |       |                          |         |        |   |  |
| PN: 8D013X08PA  |                               |       |                          |         |        |   |  |
| Latest modificatio<br>Date:   | іі - Dy                       |       |                          | DRAWING | MOD N° |   |  |
| Composite Receptacle 8D series  |                               |       |                          |         |        |   |  |
| 10  | General linear<br>Tolerances: |       | NPRDS / PI<br><b>859</b> |         |        |   |  |
| ± This document is the property of SOURIAU   WWW.SOURIAU.COM it must not be reproduced or communicated without permission   |                               |       |                          |         |        | 1 |  |
| SOURIAU DRG N° SHEET  |                               |       |                          |         |        |   |  |
| С   | 8D013X08                      | BPA-C |                          | A       | 1/2    | ] |  |
| Ŭ.  | I                             | 5     | I                        | 14      |        |   |  |

|    | <u> </u>  | ۵  | וד | m |  | 0   |
|----|---|--|----|---|--|---|
|    |   | Contact Layout   |    |   |  | Panel Cutout  |
| 4  |   | $ \begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ & $ |    |   | Ą                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|    | Con<br>posi<br>II<br>A<br>E<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C<br>C | Jon     X-axis<br>(mm)     Y-axis<br>(mm)       4     +.065 (1.65)     +.157 (3.99)       8     +.170 (4.32)     +.000 (0.00)       >     +.120 (3.05)    120 (3.05)       >    170 (4.32)     +.000 (0.00)       E    120 (3.05)    120 (3.05)      170 (4.32)     +.000 (0.00)       S    065 (1.65)     +.157 (3.99)  |    |   | Σ –                                    |   |
| ယ  |   | mber of Size Service Contact Supersedes<br>ntacts contacts rating location 8<br>8 20 I All MS20051-8   |    |   |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |
|    |   |  |    |   |  | SOURIAU shall not be liable for any<br>due to a use of the Products whi<br>the Specifications issued by either of<br>(professional recommendati |
| 22 |   |  |    |   |  | PN: 8D013X  |
|    |   |  |    |   | A 16-10-20<br>ISS DATE<br>Designed By: | 16 First Release  |
| _  |   |  |    |   | TITLE<br>SCALE<br>NA                   | General linear<br>Tolerances:   |
|    |   |  |    |   | SOURIA                                 |   |
|    |   |  | Γ  |   | FORMAT<br>A3                           | SOURIAU<br>8D013X0  |
|    | Н   | G  | F  | E | D                                      | C   |

