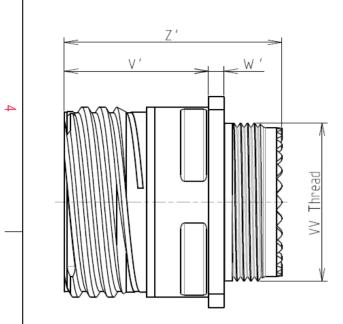
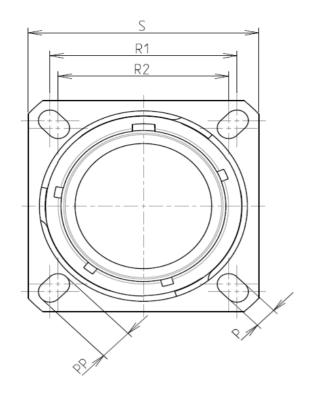
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|----------|---|-----|-----|----------|
|          |   |     |     |          |







LAYOUT SHOWN AS

Keying Shown as example

F

## CHARACTERISTICS

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

SHELL TYPE : Square Flange Receptacle

SHELL SIZE : 13

PLATING : M = Nickel

Н

CONTACT TYPE : Standard Crimp Contact

|        | -Shell Material        | : Composite                            |
|--------|------------------------|----------------------------------------|
|        | -Shell Plating         | : Nickel                               |
|        | -Insulator             | : Thermoplastic                        |
|        | -Contacts              | : Copper Alloy                         |
|        | -Seals & Grommet       | : Silicon Elastomer                    |
| $\sim$ | -Contact Plating       | : Gold over copper Alloy 0.8μm minimum |
|        | -Durability            | : 500 Mating cycles                    |
|        | -Delivered with Souria | u contacts and Accessories             |
|        | -Temperature Range     | 65°C to +200°C                         |
|        | -Salt Spray            | : 2000 hours                           |
| _      | -Mass                  | : 19.2 g ± 10%                         |
|        |                        |                                        |
|        |                        |                                        |
|        |                        |                                        |
|        | BASIC SERIES:          | 8D 0 - 13 M 08 B E                     |

G

| P  3.25±0.2    PP  4.93±0.2    R1  23.01    R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max | PP  4.93±0.2    R1  23.01    R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max | Dim      | Nominal     |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------|-------------|
| R1  23.01    R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                | R1  23.01    R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                 | Р        | 3.25±0.2    |
| R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                             | R2  20.62    S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                              | PP       | 4.93±0.2    |
| S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                                          | S  28.6±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                           | R1       | 23.01       |
| V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                                                         | V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max                                                          | R2       | 20.62       |
| W'  2.1/3.65    Z'  32 Max                                                                                            | W'  2.1/3.65    Z'  32 Max                                                                             | S        | 28.6±0.3    |
| Z' 32 Max                                                                                                             | Z' 32 Max                                                                                              | V'       | 19.5+1.4/-0 |
|                                                                                                                       |                                                                                                        | W'       | 2.1/3.65    |
|                                                                                                                       | V THREAD M18x1-6g                                                                                      | Z'       | 32 Max      |
| V THREAD M18x1-6g                                                                                                     |                                                                                                        | V THREAD | M18x1-6g    |

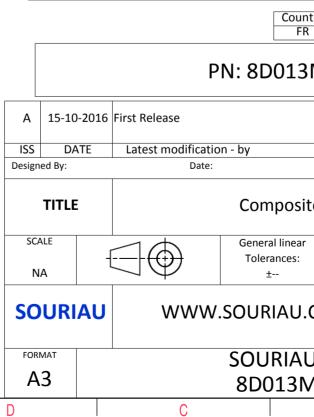
ORIENTATION : E

CONTACT LAYOUT : 13-08

CONTACT TYPE : SOCKET(500 Matings)

Е

SOURIAU shall not be liable for due to a use of the Products the Specifications issued by either (professional recommend



| Β                                                                                                                         |                                  | A       |        |   |  |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------|--------|---|--|
|                                                                                                                           |                                  |         |        | 4 |  |
| AS EXAMPLE                                                                                                                |                                  |         |        | 3 |  |
| any non-conformits<br>which does not co<br>er of the Parties or I<br>ndation, technical n<br>untry Jurisc<br>FR<br>3M08BE | mply with<br>by a third part     |         |        | 2 |  |
|                                                                                                                           |                                  |         |        |   |  |
|                                                                                                                           | CUSTOMER                         | DRAWING | MOD N° |   |  |
| site Receptacle 8D series                                                                                                 |                                  |         |        |   |  |
| ar<br>:                                                                                                                   | / NPRDS                          |         |        | 1 |  |
| J.COM                                                                                                                     | This document is the property of |         |        |   |  |
| U DRG N°                                                                                                                  | 1                                |         | SHEET  |   |  |
| M08BE-C                                                                                                                   |                                  | A       | 1/2    | J |  |
| U                                                                                                                         | I                                | Π       |        |   |  |

|          |                                                                      | ۵                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <del>ات</del> | m | U                                      | 0                                                                                                                                               |
|----------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                                      | Contact Layout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |   |                                        | Panel Cutout                                                                                                                                    |
| 4        |                                                                      | $ \begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ $ |               |   | *                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING                                                                                              |
|          | Com<br>posi<br>IE<br>A<br>B<br>CC<br>D<br>D<br>E<br>F<br>G<br>G<br>H | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |   | ¥<br>~                                 |                                                                                                                                                 |
| ى<br>ن   |                                                                      | 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 |
| S        |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |   |                                        | Country<br>FR<br>PN: 8D013N                                                                                                                     |
|          |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |   | A 15-10-20<br>ISS DATE<br>Designed By: | 16 First Release<br>Latest modification - by<br>Date:                                                                                           |
|          |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |   | SCALE                                  | General linear<br>Tolerances:                                                                                                                   |
| <u> </u> |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |   | SOURIA                                 | U WWW.SOURIAU.Co                                                                                                                                |
|          |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _             |   | FORMAT<br>A3                           | SOURIAU<br>8D013M0                                                                                                                              |
|          | Н                                                                    | G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | F             | E | D                                      | C                                                                                                                                               |

