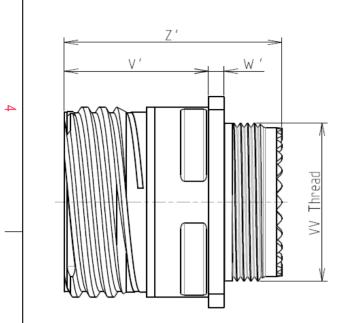
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|---|---|------------|---|---|
|   |   |            |   |   |







LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 15

PLATING : M = Nickel

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

|        | -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 without Sou | -Delivered without Souriau contacts    |  |  |  |  |
|        | -Temperature Range     | 65°C to +200°C                         |  |  |  |  |
|        | -Salt Spray            | : 2000 hours                           |  |  |  |  |
|        | -Mass                  | : 17.8 g ± 10%                         |  |  |  |  |
|        |                        |  |  |  |  |  |

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| Dim  Nominal    P  3.25±0.2    PP  4.39±0.2    R1  24.61    R2  23.01    S  31±0.3    V'  19.5+1.4/-0    W'  2.1/3.65    Z'  32 Max |
|---|
| PP  4.39±0.2    R1  24.61    R2  23.01    S  31±0.3    V'  19.5+1.4/-0    W'  2.1/3.65  |
| R1  24.61    R2  23.01    S  31±0.3    V'  19.5+1.4/-0    W'  2.1/3.65  |
| R2  23.01    S  31±0.3    V'  19.5+1.4/-0    W'  2.1/3.65   |
| S  31±0.3    V'  19.5+1.4/-0    W'  2.1/3.65  |
| V'  19.5+1.4/-0    W'  2.1/3.65   |
| W' 2.1/3.65   |
|   |
| Z' 32 Max   |
|   |
| /V THREAD M22x1-6g  |

Delivered W/O Contacts

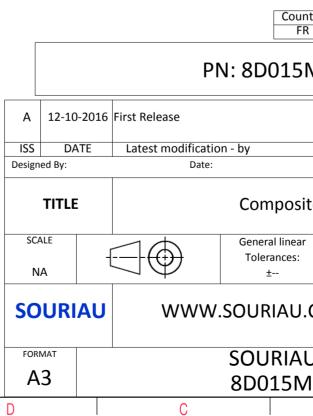
CONTACT LAYOUT : 15-97

CONTACT TYPE : SOCKET(500 Matings)

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ORIENTATION : D

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



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|---------------|--|--------|--------------|---|
| R             |  |        |              | 4 |
| S EXAMPLE     |  |        |              | 3 |
|               | mply with<br>by a third party<br>otice.)<br>liction & Contro | l List |              |   |
| 5M97SDL       | Not Listed   |        |              | 2 |
|               |  |        | MOD N°       |   |
| site Receptac | customer d<br>e 8D series                                    |        |              |   |
| ar            | NPRDS / PI<br><b>859</b>                                     |        |              | 1 |
| I.COM         | This document is the property of                             |        |              |   |
| U DRG N°      | 1  |        | SHEET<br>1/2 |   |
| M97SDL-C      |  | A      | 1/2          | J |
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|----------|---|--|------------|-----|--|---|
|          |   | Contact Layout   |            |     |  | Panel Cutout  |
| 4        |   | $\begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$ |            |     | 1                                      | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | Contact<br>position ID  Local<br>(mm)    A  +.065 (1.65)    B  +.178 (452)    C  +.230 (5.84)    D  +.178 (4.52)    E  +.065 (1.65)    F 089 (2.26) | Y-axis  position  X-axis  Y-axis    (mm)  ID  (mm)  (mm)    +.234 (5.94)  G 207 (5.26) 095 (2.41)    +.178 (4.52)  H 234 (5.94)  +.005 (1.65)   023 (0.58)  J 178 (4.52)  +.178 (4.52)   178 (4.52)  K 065 (1.65)  +.234 (5.94)   234 (5.94)  L 047 (1.19)  +.081 (2.06)   235 (5.97)  M  +.047 (1.19) 081 (2.06)  |            |     | <u>ح</u> -                             |   |
| ω        | Shell Arrangement Nu<br>size no. cc<br>15 -97   | Imber of Size Service Contact Supersedes<br>ontacts contacts rating location 4 16 I C.G.L.M.<br>8 20 I All others MS20052-97   | _          |     |  | Dim<br>ØA<br>ØAA<br>R1<br>ØT  |
|          | F   |  |            |     |  | SOURIAU shall not be liable for any   |
| N        |   |  |            |     |  | due to a use of the Products whi<br>the Specifications issued by either of<br>(professional recommendati<br>Country<br>FR |
|          |   |  |            |     |  | PN: 8D015M  |
|          |   |  |            |     | A 12-10-20<br>ISS DATE<br>Designed By: | Date:   |
| <b>_</b> |   |  |            |     | SCALE<br>NA                            | General linear<br>Tolerances:   |
|          |   |  |            |     | FORMAT                                 | U WWW.SOURIAU.Co  |
| l        |   |  | -          | - 1 | A3                                     | 8D015M9   |
|          | Н   | G  | l F        | E   | D                                      | C   |

