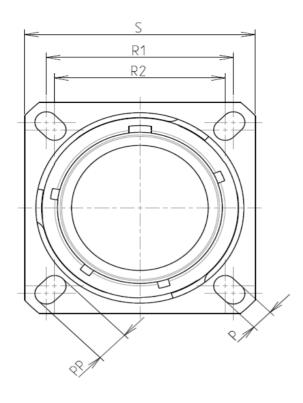
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LAYOUT SHOWN AS

Keying Shown as example

CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 25

PLATING : S = Nickel

Н

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

| - | | | | |
|---|--|--|--|--|
| | -Shell Material | : Stainless Steel | | |
| | -Shell Plating | : Nickel | | |
| 2 | -Insulator | : Thermoplastic | | |
| | -Contacts | : Copper Alloy | | |
| | -Seals & Grommet | : Silicon Elastomer | | |
| | -Contact Plating | : Gold over copper Alloy 0.8µm minimum | | |
| | -Durability | : 500 Mating cycles | | |
| | -Delivered with Souriau contacts and Accessories | | | |
| | -Temperature Range | 65°C to +200°C | | |
| | -Salt Spray | : 500 hours | | |
| | -Mass | : 162.67 g ± 10% | | |
| | | | | |
| | | | | |

8D 0

G

25

S

37

В

F

С

| Dim | Nominal |
|-----------|---------------|
| Р | 3.91±0.2 |
| РР | 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 |

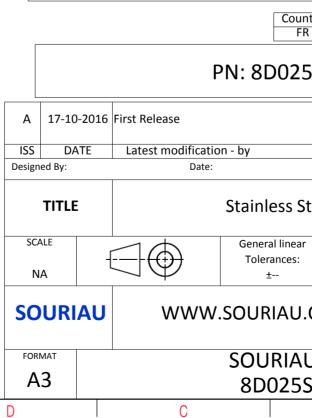
ORIENTATION : C

CONTACT LAYOUT : 25-37

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



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| AS EXAMPLE | | | | 3 |
| idation, technica | comply with or by a third part | | | 2 |
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| | | R DRAWING | | |
| | otacle 8D se | | | |
| ar | | PROJECT 59 | | 1 |
| I.COM This document is the property of SOURIAU it must not be reproduced or communicated without permission | | | | |
| U DRG N S37BC-C | | | SHEET 1/2 | |
| B | | A | | J |
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|----------|--|--|---------------|---|--------------------------|--|----------------------------|
| | | Contact Layout | | | | Ра | anel Cutout |
| 4 | X R Q P Q P Q N | $\begin{array}{c c} & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\$ | | | Σ | SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING | Ē |
| | B +.185 (4.70) C +.338 (8.46) D +.441 (11.20) E +.500 (12.70) F +.500 (12.70) G +.441 (11.20) H +.338 (8.46) J +.186 (4.72) | Y-axis (mm) Contact position ID X-axis (mm) Y-axis (mm) +472 (1199) W +242 (6.15) +236 (5.99) +472 (1199) X +326 (8.28) +008 (2.18) +382 (9.70) Y +326 (8.28) -008 (2.18) -249 (6.32) Z +242 (6.15) -236 (5.99) -086 (2.18) a +086 (2.18) -320 (8.13) -086 (2.18) b -086 (2.18) -320 (8.13) -249 (6.32) c -242 (6.15) -236 (5.99) -382 (9.70) d -326 (8.28) +086 (2.18) -472 (11.99) e -326 (8.28) +086 (2.18) | | | V | ØA | 5 <u>T_</u> |
| ى س | K +.000 (.00) L 186 (4.72) M 333 (8.46) N 441 (11.20) P 500 (12.70) R 500 (12.70) S 441 (11.20) T 333 (8.46) U 186 (4.72) | 4.472 (11.99) f -2.42 (6.15) +2.28 (5.99) -472 (11.99) g -0.86 (2.18) +3.20 (8.13) -382 (9.70) h +0.00 (0.0) +1.72 (4.37) -249 (6.52) k +1.54 (3.91) -0.06 (2.18) -0.66 (2.18) m +1.00 (0.0) -1.72 (4.37) -249 (6.52) p -1.54 (3.91) -0.06 (2.18) -0.86 (2.18) m +0.00 (0.0) -1.72 (4.37) -249 (6.52) p -1.54 (3.91) -0.06 (2.18) -382 (9.70) q -1.54 (3.91) -0.06 (2.18) +4.72 (11.99) r +0.00 (0.0) +0.00 (0.0) +3.20 (8.13) | | | | Dim ØA ØAA R1 ØT | |
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