

Keying Shown as example

CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE : 19

SHELL TYPE : Square Flange Receptacle

PLATING : X = Without Plating

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CONTACT TYPE : Standard Crimp Contact

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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 without Souriau contacts | | | | | |
| -Temperature Range | : -65°C to +175°C | | | | |
| | | | | | |

: 2000 hours

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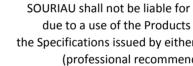
S

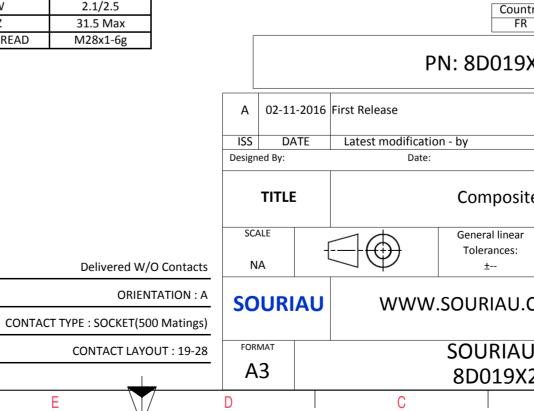
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| Connector dimension | | | |
|---------------------|---------------|--|--|
| Dim | Nominal | | |
| Р | 3.25±0.2 | | |
| PP | 4.93±0.2 | | |
| R1 | 29.36 | | |
| R2 | 26.97 | | |
| S | 36.5±0.3 | | |
| V | 20.83+0/-1.25 | | |
| W | 2.1/2.5 | | |
| Z | 31.5 Max | | |
| VV THREAD | M28x1-6g | | |

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| AS EXA | AMPLE | | | | | 3 | |
| whic er of t adatio untry R | non-conformit th does not co he Parties or to n, technical n Jurisd | mply wi by a thire otice.) | th d party Control L | ist | | 2 | |
| MOD N° | | | | | | | |
| | CUSTOMER DRAWING | | | | | | |
| site | te Receptacle 8D series | | | | | | |
| ar | NPRDS / PROJECT 859 | | | | | 1 | |
| I.CC | .COM This document is the property of SOURIAU it must not be reproduced or communicated without permission | | | | | | |
| | DRG N° | | | | SHEET 1/2 | | |
| ∧∠č | BSAL-C | | | A | 1/2 | | |
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|---|--|--|-----------------|---|--------------------------------------|---|--|
| | | Contact Layout | | | | | Panel Cutout |
| 4 | | $\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$ | | | λ Σ | SQUARE FLANGE RECEPTACLE (TY REAR MOUNTING | (PE 0) |
| | | Contacts | | | V | | |
| ω | C + 286 (7.26) D + 345 (8.76) E + 357 (9.07) F + 321 (8.15) H + 130 (3.30) J + 000 (0.00) K - 120 (3.30) L - 242 (6.15) M - 321 (8.15) N - 357 (9.07) P - 345 (8.76) | Y-axis (mm) Dosition ID (mm) X-axis (mm) Y-axis (mm) + 355 (8.97) R -286 (7.28) + 217 (5.51) + 305 (7.75) S -189 (4.80) + 305 (7.75) + 217 (5.51) T -066 (1.68) + 305 (7.75) + 217 (5.51) T -066 (1.68) + 353 (8.97) + 033 (0.44) U + 000 (0.00) + 230 (5.84) -033 (0.44) V + 124 (3.15) + 193 (4.90) -333 (0.44) V + 209 (5.31) + 095 (2.41) -265 (6.73) X + 228 (5.79) - 033 (0.84) -335 (8.51) a -174 (4.42) - 151 (3.84) -356 (6.73) b - 228 (5.79) - 033 (0.84) -365 (6.73) b - 229 (5.31) + 095 (2.41) -365 (6.73) b - 228 (5.79) - 033 (0.84) -160 (4.06) c - 209 (5.31) + 055 (2.41) | | | | | Dim ØA ØAA R1 ØT |
| | | | | | | SOURIAU shall no | |
| | | | | | | the Specifications is | f the Products whi ssued by either of nal recommendati |
| N | | | | | | | Country FR |
| | | | | | | | N: 8D019X |
| _ | | | | | A 02-11-2 ISS DAT Designed By: | 016 First Release Latest modification Date: | - by |
| | | | | | TITLE | | Composite |
| _ | | | | | SCALE NA | | General linear Tolerances: ± |
| | | | | | SOURIA | U WWW.S | SOURIAU.C |
| | | | | _ | FORMAT A3 | 1 | SOURIAU 8D019X2 |
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