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LAYOUT SHOWN AS

Keying Shown as example

CHARACTERISTICS

-Salt Spray

BASIC SERIES:

SHELL SIZE : 09

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

| 2 | -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°C to +175°C | | |

: 2000 hours

: 7.8 g ± 10%

8D 0

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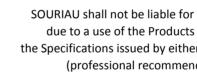
| Connector dimension | | | |
|---------------------|---------------|--|--|
| Dim | Nominal | | |
| Р | 3.25±0.2 | | |
| PP | 5.49±0.2 | | |
| R1 | 18.26 | | |
| R2 | 15.09 | | |
| S | 23.8±0.3 | | |
| V | 20.83+0/-1.25 | | |
| W | 2.1/2.5 | | |
| Z | 31.5 Max | | |
| VV THREAD | M12x1-6g | | |

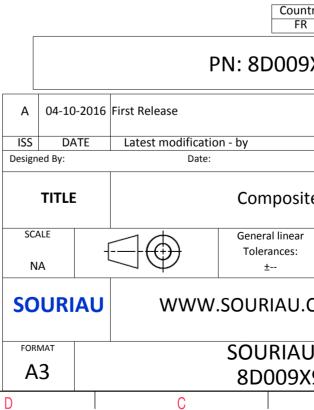
ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

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CONTACT LAYOUT : 09-98





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| site | e Receptacle 8D series | | | | | |
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| | | Contact Layout | | | | | Panel Cutou |
| 4 | -X | | | | A | SQUARE FLANGE RECEPTACLE (T' REAR MOUNTING | YPE 0) |
| | Conta positio ID A B C C Shell Arrangement Numb size no. conta 9 -98 3 | n X-axis Y-axis (mm) (mm) +065 (1.55) +038 (0.97) +.000 (0.00)075 (1.91) 065 (1.65) +.038 (0.97) - er of Size Service Contact Supersedes acts contacts rating location | | | £ ∦ | | ØT |
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| _ | | | | | A 04-10-20 ISS DATE Designed By: | 16 First Release Latest modification Date: | - by |
| | | | | | TITLE | | Composite |
| _ | | | | | SCALE NA | | General linear Tolerances: ± |
| | | | | | SOURIA | U WWW. | Souriau.c |
| | | | | | FORMAT A3 | | SOURIAU 8D009X9 |
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