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| | -Shell Material | : Composite | | |
|--|------------------|---|--|--|
| | -Shell Plating | : Without Plating | | |
| | -Insulator | : Thermoplastic | | |
| | -Contacts | : Copper Alloy | | |
| | -Seals & Grommet | : Silicon Elastomer | | |
| | -Contact Plating | : Gold over copper Alloy $0.8 \mu m$ minimu | | |
| | -Durability | : 500 Mating cycles | | |
| -Delivered with Souriau contacts and Accessories | | | | |
| | | | | |

| Connector dimension | | | | |
|---------------------|---------------|--|--|--|
| Dim | Nominal | | | |
| Р | 3.91±0.2 | | | |
| PP | 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 | | | |

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|--|---|--|---|---|--|-----------|
| | S R1 R2 C C C C C C C C C C C C C C C C C C | | | WN AS EXAMPLE | | 4 |
| CHARACTERISTICS -Standard : Based on MIL-DTL-38999 Series III -Shell Material : Composite | Connector dimension Dim Nominal P 3.91±0.2 | | | | | |
| -Shell Plating : Without Plating -Insulator : Thermoplastic -Contacts : Copper Alloy -Seals & Grommet : Silicon Elastomer | PP 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 | | due to a use of the Prod the Specifications issued by e (professional recom | e for any non-conformity or da ducts which does not comply w either of the Parties or by a thi mendation, technical notice.) Country Jurisdiction | vith ird party | |
| -Contact Plating : Gold over copper Alloy 0.8μm minimum -Durability : 500 Mating cycles -Delivered with Souriau contacts and Accessories -Temperature Range : -65°C to +175°C | Z 31.5 Max VV THREAD M37x1-6g | | | 025X41SN | Listed | 2 |
| -Salt Spray : 2000 hours | | A 09-10-2016 ISS DATE Designed By: | First Release Latest modification - by Date: | CUS | MOD N | <u>۷°</u> |
| | | TITLE | | posite Receptacle 8D | | |
| BASIC SERIES: 8D 0 - 25 X SHELL TYPE : Square Flange Receptacle - 25 X | 41 S N | NA | General Tolerar ± | nces: | PRDS / PROJECT 859 This document is the property of | 1 |
| CONTACT TYPE : Standard Crimp Contact SHELL SIZE : 25 CONTACT TYPE : SOCKET(500 Matings) | | | SOURIAU WWW.SOURIAU.COM it must not be reproduced or communicated without permission | | | |
| PLATING : X = Without Plating | F E | 5-41 FORMAT A3 | | RIAU DRG N° 25X41SN-C B | SHEET 1/2 | · |
| | | | U I | | A A | |

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|----------|--|--|------------|---|--------------|--|------------------------|
| | | Contact Layout 41 | | | | Par SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING R1 | nel Cutou |
| 4 | | 22#22D, 3#20 11#16, 2#12 3#8 Triax 25-41 | ٦ | | 2 | | |
| | Ctc X A 0 B 7.09 C 10.77 D 12.94 E 13.27 F 8.17 G 4.67 H 0 J -4.67 K -8.17 | Y Ctc X Y 10.79 Y -5.37 7.92 11.34 Z 3.32 5.72 7.92 a 7.96 -0.42 3.39 b 0 -6.6 -1.62 c -7.96 -0.42 -6.44 d -3.32 5.72 -12.53 e 0 4.48 -13.37 f 3.02 3.07 -12.53 g 5.32 0.005 -6.44 h 3.7 -2.43 | | | <u>↓</u> | ØA | - - |
| ω | K -8.17 L -13.27 M -12.94 N -10.77 P -7.09 R 5.37 S 7.32 T 10.39 U 1.77 V -1.77 W -10.39 X -7.32 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | Dim ØA ØAA R1 ØT | |
| | | | | | | SOURIAU shall not be liab | |
| | | | | | | due to a use of the Pro the Specifications issued by (professional recon | either of nmendati |
| N | | | | | | PN: 8D | Country FR 0025X |
| | | | | | ISS DATE | - | |
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| <u> </u> | | | | | SCALE NA | Genera Tolera ± | ances: |
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