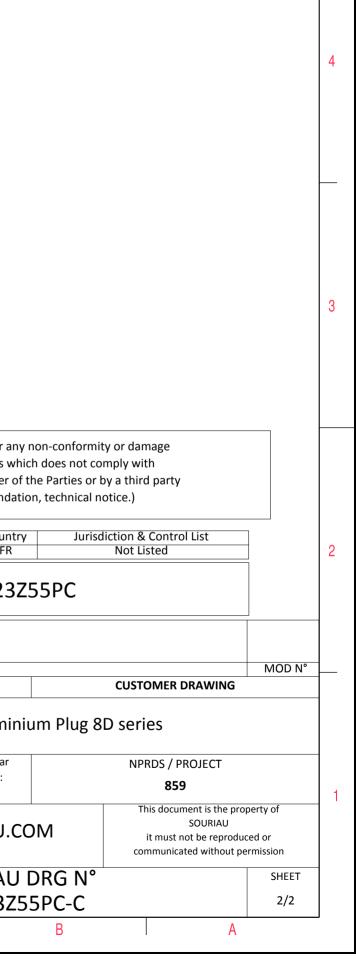
| <image/>  | Ξ O " "                                      |  |  |  |  |
|---|--|--|--|--|--|
| CHARACTERISTICS   Connector dimension     Standard: Based on MIL-DT-38999 Series III   Standard: Based on MIL-DT-38999 Series III     Schell Material   Aluminium     Schell Material   Standard: Based on MIL-DT-38999 Series III     Schell Material   Mainium     Schell Material   Standard: Based on MIL-DT-38999 Series III     Schell Material   Mainium     Schell Material   Bisck Zinc Nickel     Insulator   Thermoplastic     Contacts   Copper Alloy     Seals & Grommet   Silicon Elastomer     Contact Plating   Gold over copper Alloy 0.8µm minimum     Soutact Plating   Gold over copper Alloy 0.8µm minimum     Soutact Plating   Sout Accessories     Selivered with Souriau contacts and Accessories   PN: 8D523Z55PC     Sout Sub Souriau   A 08-10-2016 First Release     Sub Souriau   Sou hours     - Mass   49.6 6g ± 10%  |  |  |  |  |  |
| CHARACTERSTICS   Connector dimension   Dim   Nominal     -Standard : Based on ML-DTI-38999 Series III   Dim   Nominal     -Standard : Based on ML-DTI-38999 Series III   Dim   Nominal     -Shell Material   : Aluminium   Dim   Nominal     Shell Plating   : Black Zinc Nickel   Dim   Nominal     -Insulator   : Black Zinc Nickel   Dim   Nominal     -Insulator   : Thermoplastic   Copper Alloy   SOURIAU shall not be liable for any non-conformity or damage     -Contacts   : Copper Alloy   Souract Plating   : Sold over copper Alloy 0.8µm minimum     -Contact Plating   : Gold over copper Alloy 0.8µm minimum   Control List   TR     -Durability   : Sou Nating cycles   Divered with Souriau contacts and Accessories   PN: 8D523Z55PC     -Temperature Range   : -65°C to +175°C   A   08-10-2016   First Release     -Sait Spray   : Sou Nours   Iss   DATE   Latest modification - by   Iss |  | LAYOUT SHOWN AS EXAMPLE                                |  |  |  |
| -Standard : Based on ML-DTL-38999 Series III   Dim   Nominal   ØS   44.9 Max   Z   31. Max   SOURIAU shall not be liable for any non-conformity or damage   due to a use of the Products which does not comply with   the Specifications issued by either of the Parties or by a third party   (professional recommendation, technical notice.)     -Shell Plating   : Silicon Elastomer   : Silicon Elastomer   : Contact Plating   : Gold over copper Alloy 0.8µm minimum   : Durability   : Sou Mating cycles     -Durability   : 500 Mating cycles  | Keying Shown as example                      |  |  |  |  |
| -Standard : Based on MIL-DTL-38999 Series III   Dim   Nominal     -Shell Material   : Aluminium   ØS   44.9 Max     -Shell Material   : Black Zinc Nickel   Z   31 Max     -Insulator   : Thermoplastic   VV THREAD   M34x1-6g     -Contacts   : Copper Alloy   SOURIAU shall not be liable for any non-conformity or damage     -Seals & Grommet   : Silicon Elastomer   VV THREAD   M34x1-6g     -Contact Plating   : Gold over copper Alloy 0.8µm minimum   Country   Jurisdiction & Control List     -Contact Plating   : Gold over copper Alloy 0.8µm minimum   FR   Not Listed     -Durability   : 500 Mating cycles   PN: 8D523Z55PC     -Temperature Range   : -65°C to +175°C   A   08-10-2016   First Release     -Salt Spray   : 500 hours   ISS   DATE   Latest modification - by   ISS   | RISTICS Connector dimension                  |  |  |  |  |
| -Shell Material   : Aluminium   Z   31 Max   SOURIAU shall not be liable for any non-conformity or damage     -Shell Plating   : Black Zinc Nickel   WV THREAD   M34x1-6g   due to a use of the Products which does not comply with     -Insulator   : Thermoplastic   WV THREAD   M34x1-6g   the Specifications issued by either of the Parties or by a third party     -Contacts   : Copper Alloy   :   Sold over copper Alloy 0.8µm minimum   Emperature Range   : 60d over copper Alloy 0.8µm minimum     -Durability   : 500 Mating cycles   | Based on MIL-DTL-38999 Series III Dim Nomina |  |  |  |  |
| -Insulator   Thermopalastic     -Contacts   Copper Alloy     -Seals & Grommet   Silicon Elastomer     -Contact Plating   Gold over copper Alloy 0.8µm minimum     -Durability   500 Mating cycles     -Delivered with Souriat contacts and Accessories   -Seals & Gromet     -Temperature Range   -65°C to +175°C     -Sait Spray   500 hours     -Mass   : 49.66 g ± 10%   | Tal : Aluminium Z 31 Max                     |  |  |  |  |
| Instruction   Interinsprised     -Contacts   : Copper Alloy     -Seals & Grommet   : Silicon Elastomer     -Contact Plating   : Gold over copper Alloy 0.8µm minimum     -Durability   : 500 Mating cycles     -Delivered with Souriau   : -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%  |  |  |  |  |  |
| -Seals & Grommet   : Silicon Elastomer     -Contact Plating   : Gold over copper Alloy 0.8µm minimum     -Durability   : 500 Mating cycles     -Delivered with Sourier contacts and Accessories   PN: 8D523Z55PC     -Temperature Range   : -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%   |  |  |  |  |  |
| -Contact Plating   : Gold over copper Alloy 0.8µm minimum     -Durability   : 500 Mating cycles     -Delivered with Souriau contacts and Accessories   PN: 8D523Z55PC     -Temperature Range   : -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%  |  |  |  |  |  |
| -Durability   : 500 Mating cycles     -Durability   : 500 Mating cycles     -Delivered with Souriau contacts and Accessories     -Temperature Range   : -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%   |  |  |  |  |  |
| -Delivered with Souriau contacts and Accessories   PN: 8D523Z55PC     -Temperature Range   : -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%  |  |  |  |  |  |
| -Temperature Range   -65°C to +175°C     -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%         ISS   DATE   |  | PN: 8D523Z55PC   |  |  |  |
| -Salt Spray   : 500 hours     -Mass   : 49.66 g ± 10%     ISS   DATE  |  |  |  |  |  |
| -Mass : 49.66 g ± 10% ISS DATE Latest modification - by   |  | A 08-10-2016 First Release                             |  |  |  |
| Designed By: Date: CUSTOMER DRAWING   |  |  |  |  |  |
|   |  | Designed By: Date: CUSTOMER DRAWING                    |  |  |  |
| TITLE Aluminium Plug 8D series  | TITLE Aluminium Plug 8D series               |  |  |  |  |
| BASIC SERIES: 8D 5 - 23 Z 55 P C  | S· 8D 5 - 23 7 55 P C                        | SCALE General linear NPRDS / PROJECT                   |  |  |  |
|   |  | Tolerances:  |  |  |  |
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|   |  | - SOURIAU WWW.SOURIAU.COW it must not be reproduced or |  |  |  |
| SHELL SIZE : 23 CONTACT TYPE : PIN(500 Matings) communicated without permit   | 23 CONTACT TYPE : F                          | 25) communicated without permission                    |  |  |  |
| PLATING : Z = Black Zinc Nickel CONTACT LAYOUT : 23-55 FORMAT SOURIAU DRG N°  | Z = Black Zinc Nickel CONTAC                 |  |  |  |  |
| A3 8D523Z55PC-C   |  | A3 8D523Z55PC-C 1/2                                    |  |  |  |

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|---|---|---|------------|---|--|--|
|   |   | Contact Layout  |            |   |  |  |
| 4 | x (n  | $\begin{array}{c} & \begin{array}{c} & \begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ |            |   |  |  |
|   | B + 225 (5.72)<br>C + 336 (8.53)<br>D + 450 (11.43)<br>F + 450 (11.43)<br>G + 336 (8.53)<br>H + 225 (5.72)<br>J + .112 (2.84) | Y-axis<br>(mm)     Contact<br>position ID     X-axis<br>(mm)     Y-axis<br>(mm)       +455 (11:56)     f     -112 (2.84)     -325 (8.26)       +300 (9.91) <u>a</u> -225 (5.72)     -260 (6.60)       +325 (8.26) <u>h</u> -336 (8.53)     -105 (4.95)       +130 (3.30) <u>i</u> -336 (8.53)     -065 (1.65)       +000 (0.00) <u>J</u> -336 (8.53)     +065 (1.65)       -130 (3.30) <u>k</u> -336 (8.53)     +065 (1.65)       -326 (8.26) <u>m</u> -225 (5.72)     +260 (6.60)       -330 (9.94) <u>n</u> -112 (2.84)     +325 (8.26)       -455 (11:56) <u>p</u> +000 (0.00)     +260 (6.60)   |            |   |  |  |
| ω | $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |            |   |  |  |
|   | size no. cont   | ber of Size Service Contact Superseder<br>lacts contacts rating location  | 8          |   |  | SOURIAU shall not be liable for an   |
|   |   |   |            |   |  | due to a use of the Products wl<br>the Specifications issued by either o<br>(professional recommenda |
| N |   |   |            |   |  | Countr<br>FR   |
|   |   |   |            |   |  | PN: 8D523  |
|   |   |   |            |   | A 08-10-20<br>ISS DATE<br>Designed By: | 116 First Release<br>Latest modification - by<br>Date:   |
|   |   |   |            |   | TITLE                                  | Alumir   |
|   |   |   |            |   | SCALE                                  | General linear<br>Tolerances:  |
|   |   |   |            |   | SOURIA                                 | U WWW.SOURIAU.C  |
|   |   |   |            |   | FORMAT<br>A3                           | SOURIAU<br>8D523Z  |
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