| E G T                                                                                                                                                                                                                 | m                                                                                                                                                                                     |                          | 0                                                                                                                                           | σ                                                                            | А                                                                                                           |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------|
|                                                                                                                                                                                                                       | S<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T<br>T                                                                                      |                          |                                                                                                                                             | XAMPLE                                                                       |                                                                                                             | 4              |
| Keying<br>CHARACTERISTICS<br>-Standard : Based on MIL-DTL-38999 Series III                                                                                                                                            | Shown as example Connector dimension Dim Nominal                                                                                                                                      |                          |                                                                                                                                             |                                                                              |                                                                                                             |                |
| -Shell Material       : Aluminium         -Shell Plating       : Black Zinc Nickel         -Insulator       : Thermoplastic         -Contacts       : Copper Alloy         -Seals & Grommet       : Silicon Elastomer | A         34.9±0.3           B         19.07+0.1/-0.15           R         32.5Max           S         31.8±0.4           W         2.2+0.9/-0.1           VV THREAD         M15x1-6g |                          | SOURIAU shall not be liable for an<br>due to a use of the Products wh<br>the Specifications issued by either o<br>(professional recommendat | nich does not comply with the Parties or by a third tion, technical notice.) | th<br>d party                                                                                               |                |
| <ul> <li>No. Contact Plating : Gold over copper Alloy 0.8µm minimum</li> <li>Durability : 500 Mating cycles</li> <li>Delivered with Souriau contacts and Accessories</li> </ul>                                       |                                                                                                                                                                                       |                          | PN: 8D711                                                                                                                                   | Not Li                                                                       |                                                                                                             | 2              |
| -Temperature Range : -65°C to +175°C<br>-Salt Spray : 500 hours                                                                                                                                                       |                                                                                                                                                                                       |                          | 16 First Release                                                                                                                            |                                                                              |                                                                                                             |                |
|                                                                                                                                                                                                                       |                                                                                                                                                                                       | ISS DATE<br>Designed By: | Latest modification - by<br>Date:                                                                                                           | CUSTO                                                                        | MOD<br>OMER DRAWING                                                                                         | N <sup>3</sup> |
|                                                                                                                                                                                                                       |                                                                                                                                                                                       | TITLE                    | Aluminiun                                                                                                                                   | n Receptacle 8D s                                                            | series                                                                                                      |                |
| ASIC SERIES: 8D 7 - 11 Z 22 B<br>SHELL TYPE : Jam nut Receptacle                                                                                                                                                      | D                                                                                                                                                                                     | SCALE<br>NA              | General linear<br>Tolerances:                                                                                                               |                                                                              | RDS / PROJECT<br><b>859</b>                                                                                 | 1              |
| CONTACT TYPE : Standard Crimp Contact SHELL SIZE : 11                                                                                                                                                                 | ORIENTATION :<br>CONTACT TYPE : SOCKET(500 Mating                                                                                                                                     |                          | U WWW.SOURIAU.C                                                                                                                             | COM                                                                          | his document is the property of<br>SOURIAU<br>it must not be reproduced or<br>nmunicated without permission |                |
| PLATING : Z = Black Zinc Nickel                                                                                                                                                                                       | CONTACT LAYOUT : 11-                                                                                                                                                                  |                          | SOURIAU<br>8D711Z                                                                                                                           | DRG N°                                                                       | SHEE                                                                                                        |                |
| H G F                                                                                                                                                                                                                 | E                                                                                                                                                                                     | D                        | C                                                                                                                                           | B                                                                            | A                                                                                                           | ]              |

| ſ | I                                                                                           | ۵                                                                                                                                   |   | m                                           | D                                                                           | 0                                                                                     | Φ                             | A                              |   |
|---|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|--------------------------------|---|
| 4 | Contact Layout<br>22*<br>b d<br>b d<br>b d<br>b d<br>b d<br>b d<br>b d<br>b d<br>b d<br>b d |                                                                                                                                     |   | Panel cutout<br>JAM NUT RECEPTACLE (TYPE 7) |                                                                             |                                                                                       |                               |                                |   |
| ω | Ctc<br>A<br>B<br>C<br>D                                                                     | 11-22         X       Y         1.905       1.905         1.905       -1.905         -1.905       -1.905         -1.905       1.905 |   |                                             |                                                                             | Dim         Nominal           B         19.59+0/-0.3           ØC         20.96+0.25/ | 25                            |                                | 3 |
| N |                                                                                             |                                                                                                                                     |   |                                             |                                                                             | due to a use of the Pro-<br>the Specifications issued by<br>(professional recom       |                               | with<br>hird party             | 2 |
|   |                                                                                             |                                                                                                                                     |   |                                             | A 01-10-2016<br>ISS DATE<br>Designed By:<br>TITLE<br>SCALE<br>NA<br>SOURIAU | Genera<br>Tolera<br>±·                                                                | I linear<br>Inces:            | STOMER DRAWING                 |   |
|   | Н                                                                                           | G                                                                                                                                   | F | E                                           | FORMAT<br>A3<br>D                                                           |                                                                                       | RIAU DRG N°<br>11Z22BD-C<br>B | communicated without permissic |   |