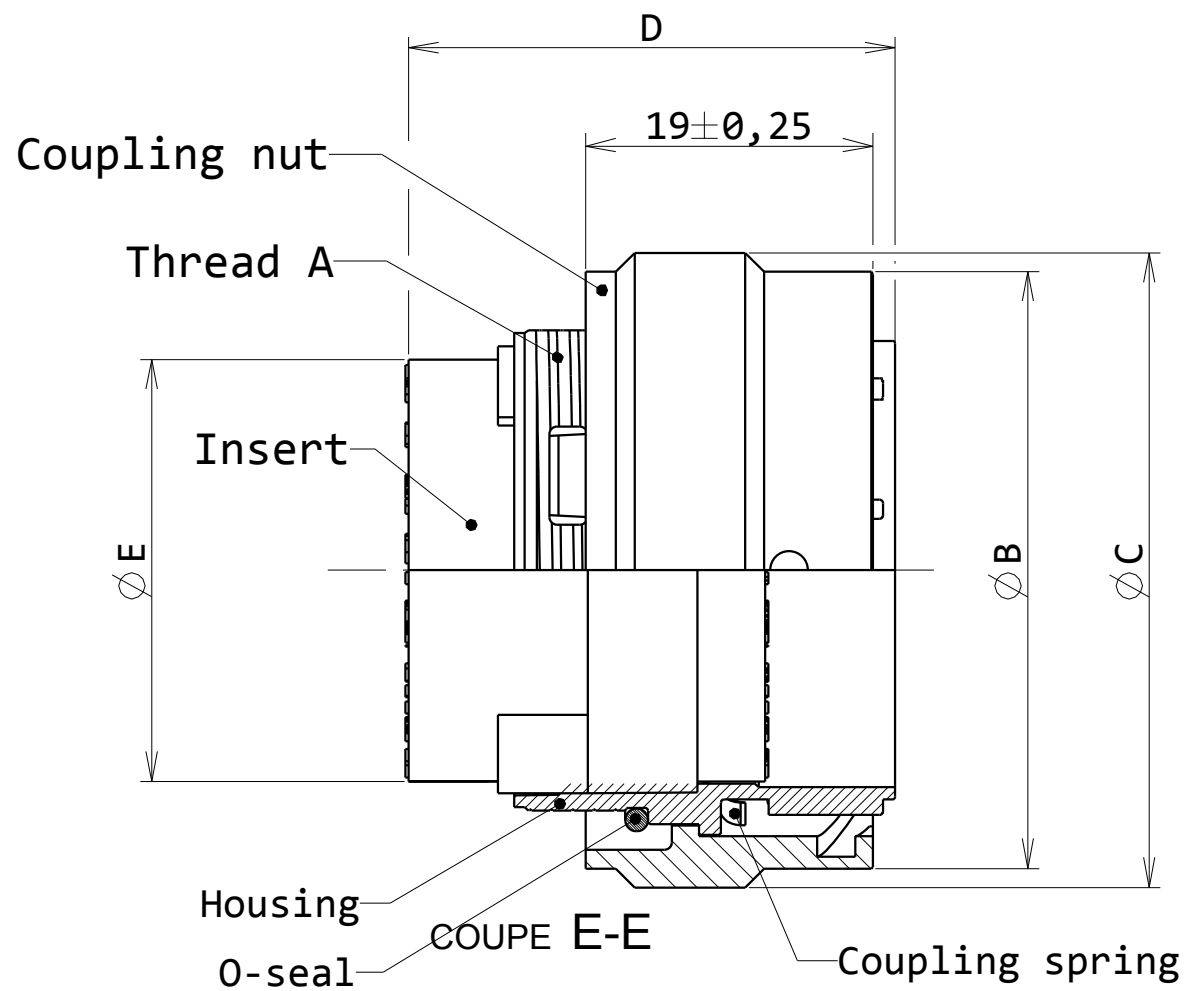




**MATERIAL :**  
Housing : Zinc alloy nickel plated  
Coupling Nut : Aluminium alloy, nickel plated  
Insert : PA 66 UL94 V0  
Coupling spring : Stainless steel  
O'ring : Nitril

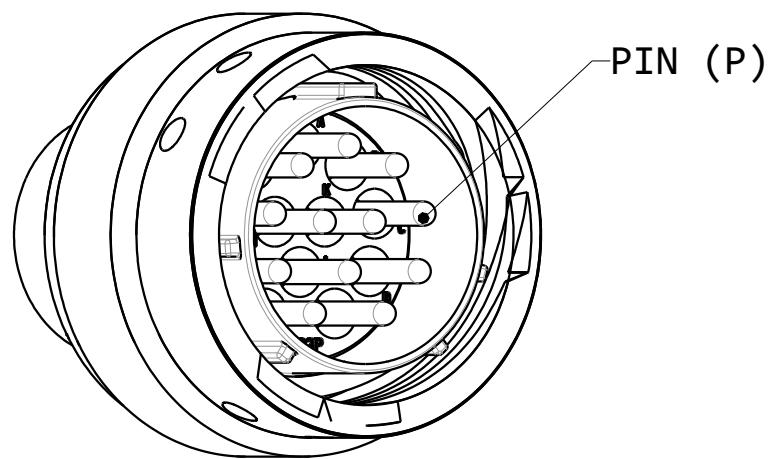
**PERFORMANCE CHARACTERISTICS :**  
Operating temperature : -40°C up to 105°C  
Insulation resistance : 5000 MΩ min  
Withstanding voltage: 2000Vrms  
(1500 Vrms for 102w2 and 103w3 layouts)  
Corrosion salt spray : 48 hours or 96 hours ( spéc. 02 )  
Durability : 500 matings and unmatings  
Sealing in mated conditions : IP67 / IP68 3 bars/30min as per IEC60529  
( depending on counterpart used )  
Sealing in mated conditions : IP69K as per DIN40050  
ROHS compliant

- NOTES :**
- 1- Contact identification and orientation of connector, refer to :  
UT0-CONTACT-L-C01 (Male)  
UT0-CONTACT-L-C02 (Female)
  - 2- Contact to be ordered separately refer to : UT0 catalog
  - 3- This drawing covers p/n termination : -H / -H6
  - 4- Packaging: connector is individually packed in a plastic bag

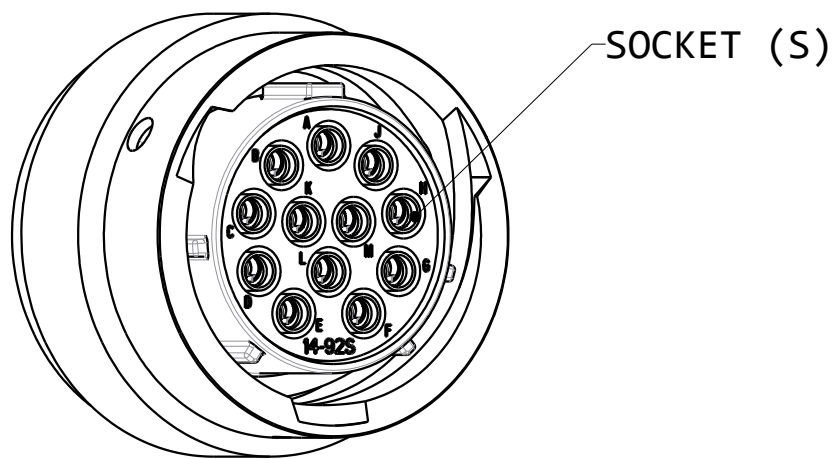
| Part Number<br>(Note 3) | Thread A<br>for information | Ø B ±0.15 | Ø C ±0.20 | D Max |        | Ø E±0.20 |  |       |
|-------------------------|-----------------------------|-----------|-----------|-------|--------|----------|--|-------|
|                         |                             |           |           | Male  | Female |          |  |       |
| UT06102W2--H-           | 9/16-24 UNEF Class 2A       | 20.00     | 21.80     | 35    | 33     | 10.15    |  |       |
| UT06103W3--H-           |                             |           |           | 35    | 27     |          |  |       |
| UT06103--H-             |                             |           |           | 33    | 25.5   |          |  |       |
| UT06104--H-             |                             |           |           |       |        |          |  |       |
| UT061044--H-            |                             |           |           |       |        |          |  |       |
| UT06124--H-             |                             |           |           |       |        |          |  |       |
| UT06128--H-             | 11/16-24 UNEF Class 2A      | 23.60     | 26.10     |       |        | 13.10    |  |       |
| UT06142G1--H-           | 13/16-20 UNEF Class 2A      | 26.80     | 29.30     | 34    | 34     | 16.40    |  |       |
| UT06147--H-             |                             |           |           | 33    | 25.5   |          |  |       |
| UT06148--H-             |                             |           |           | 35    | 33     |          |  |       |
| UT061412--H-            |                             |           |           | 33    | 25.5   |          |  |       |
| UT061492--H-            |                             |           |           |       |        |          |  |       |
| UT061619--H-            | 15/16-20 UNEF Class 2A      | 30.00     | 32.45     |       |        | 19.50    |  |       |
| UT061823--H-            | 1" 1/16-18 UNEF Class 2A    | 33.30     | 35.25     |       |        | 21.65    |  |       |
| UT062028--H-            | 1" 3/16-18 UNEF Class 2A    | 36.55     | 38.80     | 33    | 25.5   | 24.80    |  |       |
| UT062030--H-            |                             |           |           |       |        |          |  |       |
| UT062235--H-            | 1" 5/16-18 UNEF Class 2A    | 39.50     | 42.00     |       |        | 27.5     |  | 27.99 |
| UT062238--H-            |                             |           |           |       |        |          |  |       |
| UT062448--H-            |                             |           |           |       |        |          |  |       |

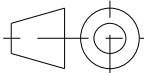
|                                                                                                         |      |    |     |   |   |   |    |
|---------------------------------------------------------------------------------------------------------|------|----|-----|---|---|---|----|
| Receptacle UT0 : <i>Type 6</i>                                                                          | UT06 | 10 | 2W2 | P | W | H | 02 |
| Shell size :                                                                                            |      |    |     |   |   |   |    |
| Insert arrangement : <i>See Note 1</i>                                                                  |      |    |     |   |   |   |    |
| Contact : <i>P : Male</i><br><i>S : Female</i>                                                          |      |    |     |   |   |   |    |
| Insert polarisation : <i>No letter : Standard version</i><br><i>W, X, Y, Z : Differents orientation</i> |      |    |     |   |   |   |    |
| Sealing version : <i>H : IP67 version</i>                                                               |      |    |     |   |   |   |    |
| Sealing version : <i>No letter : Standard version</i><br><i>02 : Coupling nut is black anodized</i>     |      |    |     |   |   |   |    |

MALE CONNECTOR



FEMALE CONNECTOR



|              |                                                                                       |                            |                  |                  |                                                                                                          |        |
|--------------|---------------------------------------------------------------------------------------|----------------------------|------------------|------------------|----------------------------------------------------------------------------------------------------------|--------|
| A            | 20/04/2015                                                                            | _CREATION OF THE DRAWING   |                  |                  | 24021                                                                                                    |        |
|              |                                                                                       | _Cancel & replace UT06-C01 |                  |                  |                                                                                                          |        |
| ISS          | DATE                                                                                  | Latest modification - by:  |                  |                  | COUTY L.                                                                                                 | MOD N° |
| Designed by: |                                                                                       | COUTY L.                   | Date: 21/10/2013 | CUSTOMER DRAWING |                                                                                                          |        |
| TITLE        |                                                                                       | PLUG<br>UT0 PLUG CONNECTOR |                  |                  |                                                                                                          |        |
| Scale        |  | General linear Tolerances: |                  | NPRDS / PROJECT  |                                                                                                          |        |
| 2/1          |                                                                                       | ± 0.1                      |                  | UT0              |                                                                                                          |        |
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| FORMAT       | SOURIAU DRG N°                                                                        |                            |                  |                  |                                                                                                          | SHEET  |
| A2           | C001-UT06-A                                                                           |                            |                  |                  |                                                                                                          | 1 / 1  |