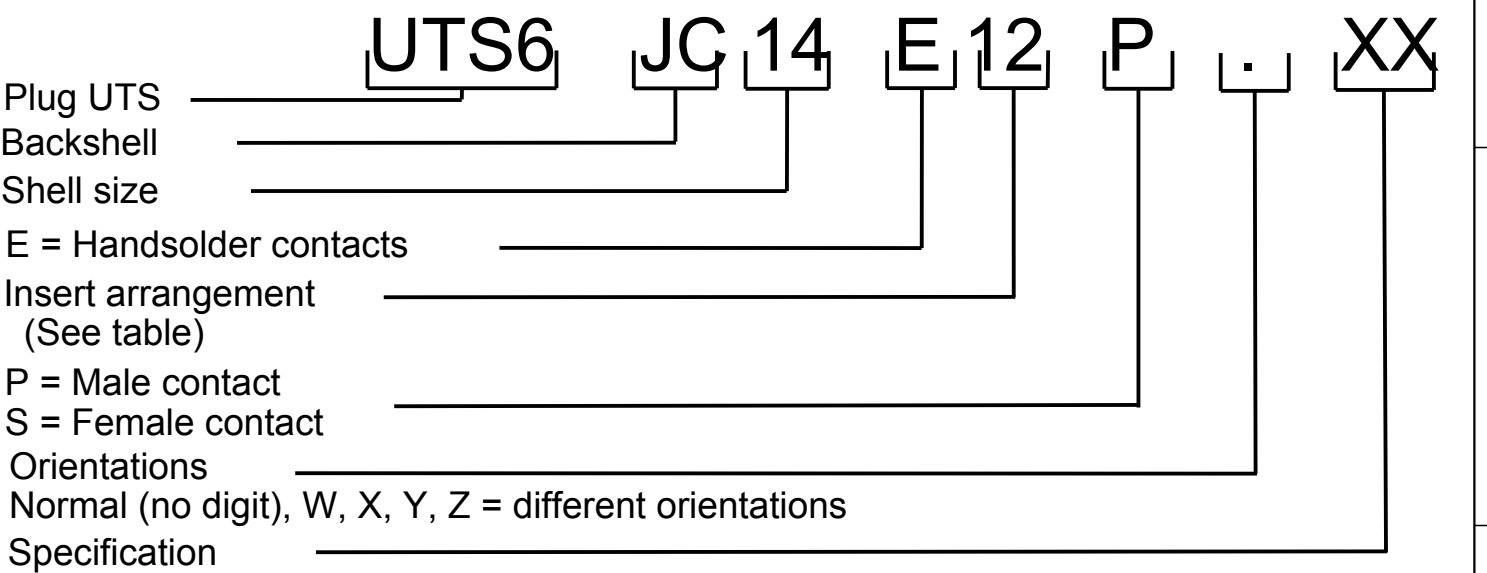
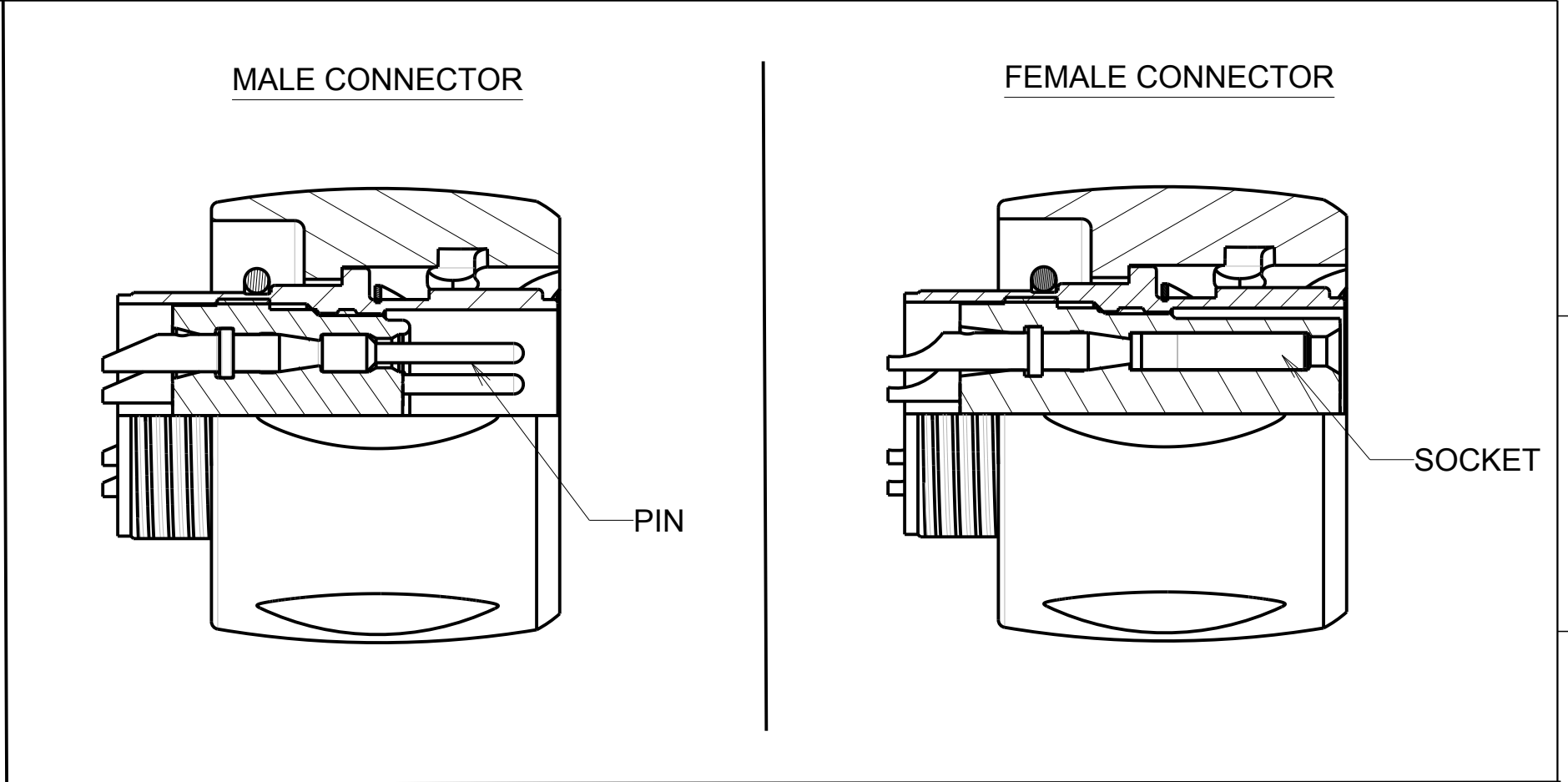
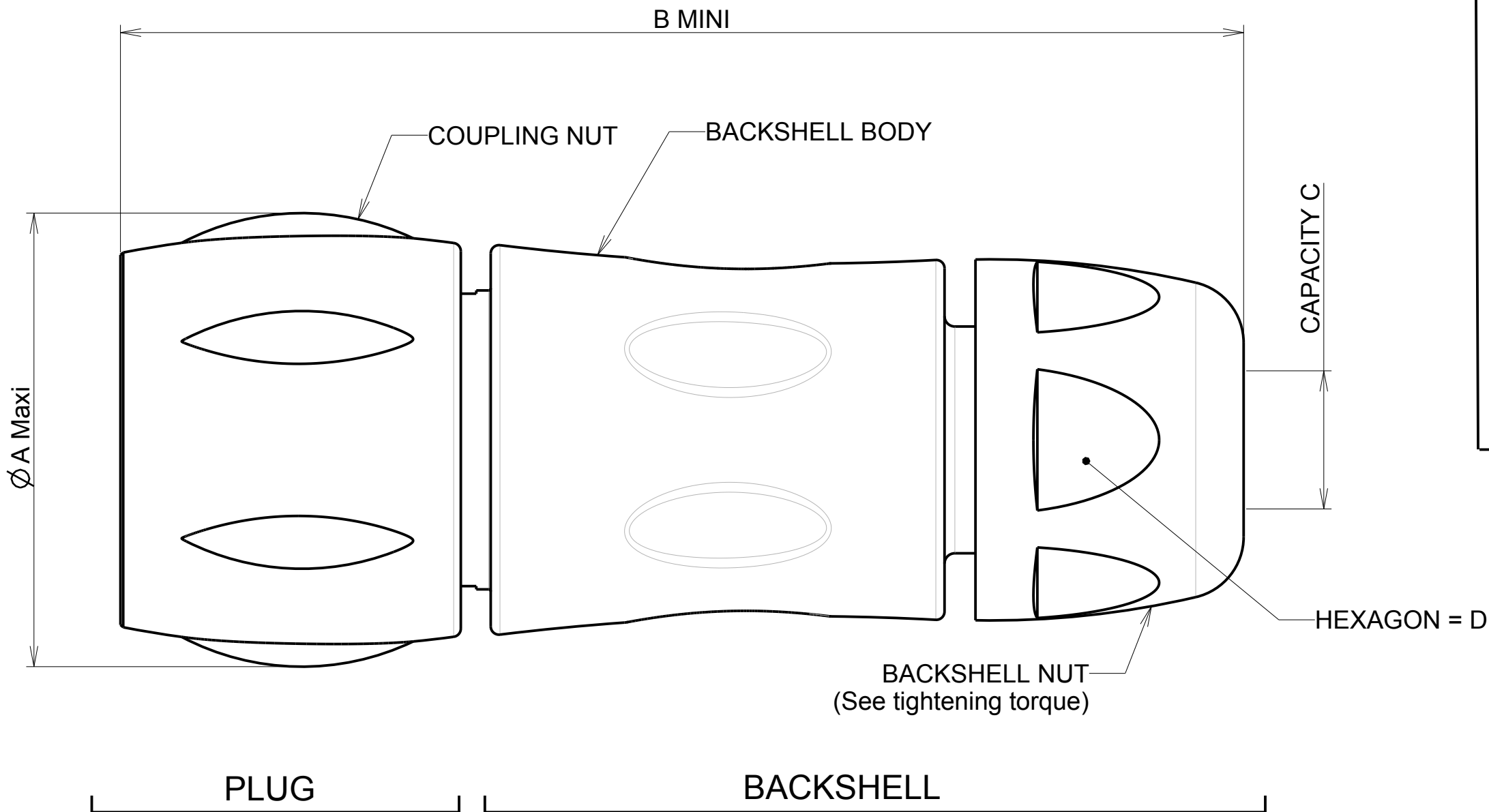




| SHELL SIZE | Ø A Maxi | B MINI | CAPACITY C |               | HEXAGON D | Tightening torque<br>(BACKSHELL NUT) |
|------------|----------|--------|------------|---------------|-----------|--------------------------------------|
|            |          |        | STANDARD   | REDUCING SEAL |           |                                      |
| 08         | 22.50    | 54.00  | 2.5/6.5    | 1.50/5.00     | 16.00     | 2 Nm                                 |
| 10         | 26.70    | 63.20  | 2.50/8.00  | 1.50/5.00     | 18.50     | 3 Nm                                 |
| 12         | 30.15    | 66.70  | 5.00/12.00 | 3.00/9.00     | 24.00     | 3 Nm                                 |
| 14         | 35.10    | 71.50  | 7.00/14.00 | 5.00/12.00    | 26.00     | 3 Nm                                 |

**MATERIAL :**

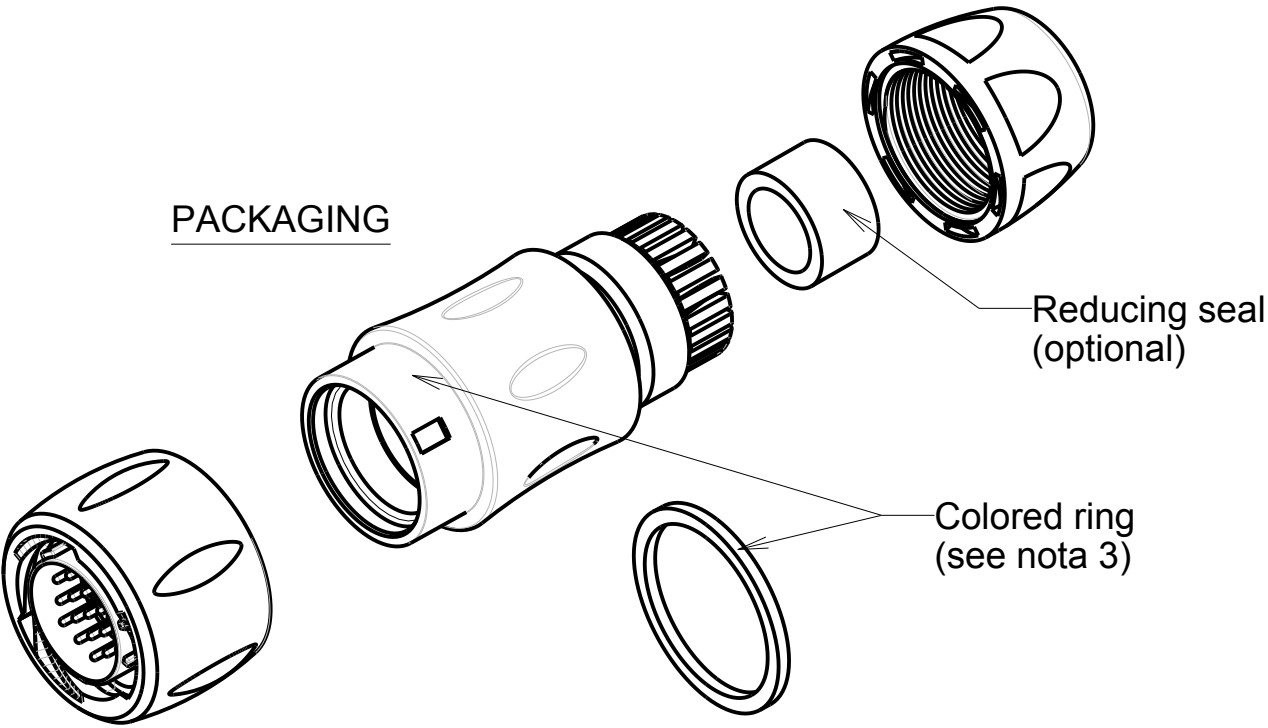
Coupling Nut:Polyamid UL94 V-0  
Insert:Polychloropren (CR)  
Backshell :Polyamid UL94 V-0  
Shell : Polyamid UL94 V-0  
Coupling spring : Stainless steel  
O'seal : Nitril  
Contact : Brass + gold plated

**PERFORMANCE CHARACTERISTICS :**

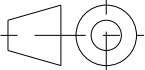
Operating temperature:-40°C up to 105°C  
Insulation resistance:5000 MΩ min  
Test potential:1500Vrms for #20 layout  
Corrosion salt spray:500 hours  
Durability:250 matings and unmatings  
Sealing in mated conditions:  
-IP68 1 bar during 1 week : immersion under 10 m of water.  
(IEC 60529)  
-IP69K : exposure to high pressure water of cleaning  
equipement(DIN 40050)

**NOTES :**

- 1-Plug,backshell and the reducing seal are delivered as a kit  
The backshell already includes the standard seal.
- 2-Insert arrangements : refer to C144-UTS1-A
- 3-Colored ring to be orderd separately refer to customer drawing C006-UTS1-A



**CUSTOMER DRAWING**

|                                                                                       |                                                                                       |                                       |                                        |                        |                                                                                                                |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|
| h                                                                                     |                                                                                       | 12/05/11                              | add orientations in the part number    |                        | 21774                                                                                                          |
| ISS                                                                                   | DATE                                                                                  | Latest modification - by: J.FEURPRIER |                                        |                        | MOD N°                                                                                                         |
| Designed by:                                                                          |                                                                                       | SORIN V.                              |                                        | Date:24/10/07          | CUSTOMER DRAWING                                                                                               |
| TITLE                                                                                 |                                                                                       | PLUG WITH BACKSHELL<br>UTS HI SEAL    |                                        |                        |                                                                                                                |
| Scale                                                                                 |  |                                       | General linear<br>Tolerances:<br>± 0.1 | NPRDS / PROJECT<br>UTS |                                                                                                                |
| 2/1                                                                                   |                                                                                       |                                       |                                        |                        |                                                                                                                |
|  |                                                                                       | WWW.SOURIAU.COM                       |                                        |                        | This document is the property of<br>SOURIAU<br>It must not be reproduced or<br>communicated without permission |
| FORMAT                                                                                | SOURIAU DRG N°<br>C043-UTS1-A                                                         |                                       |                                        |                        | SHEET                                                                                                          |
| A2                                                                                    |                                                                                       |                                       |                                        |                        | 1 / 1                                                                                                          |
| NOT EXPORT CONTROLLED                                                                 |                                                                                       |                                       |                                        |                        |                                                                                                                |