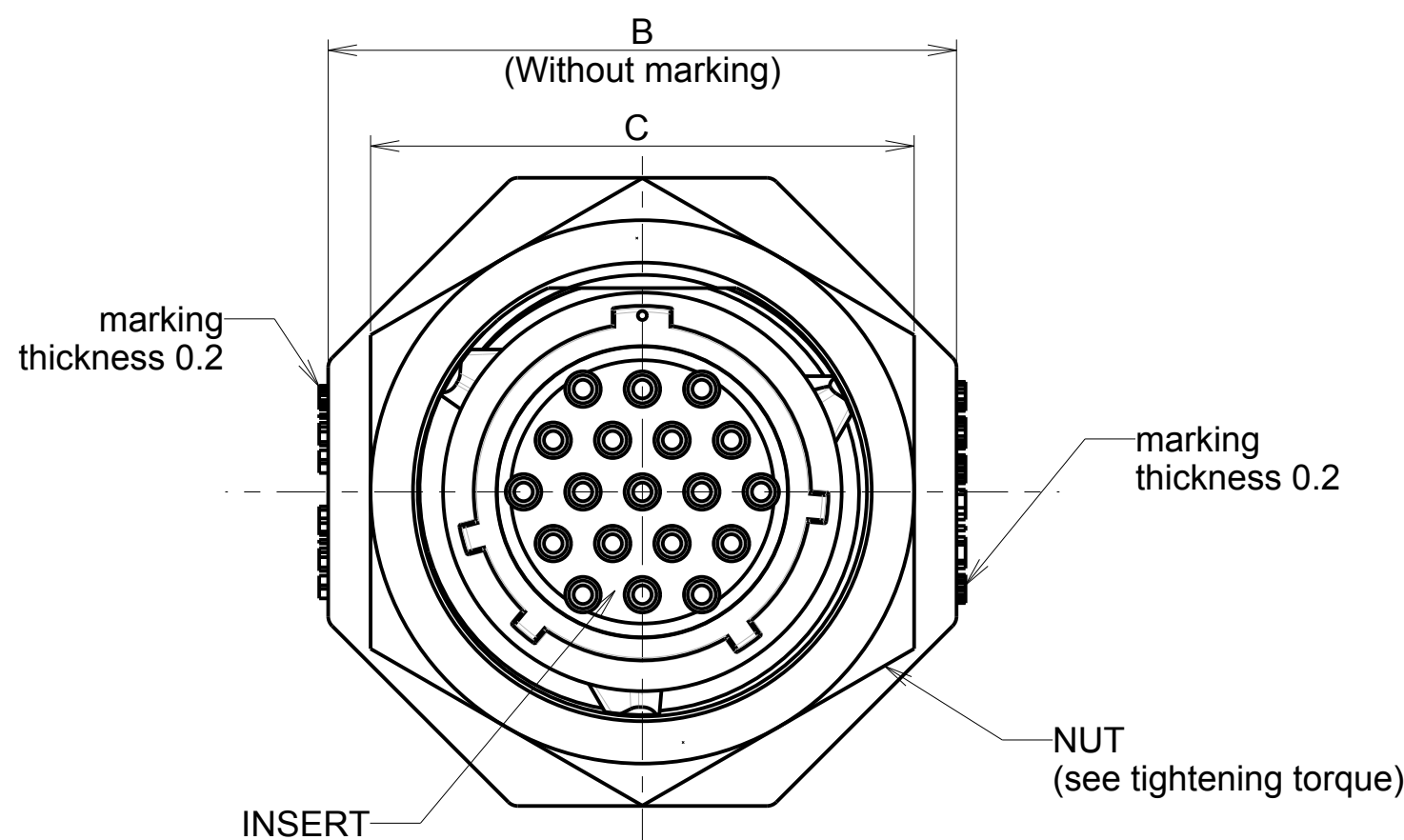
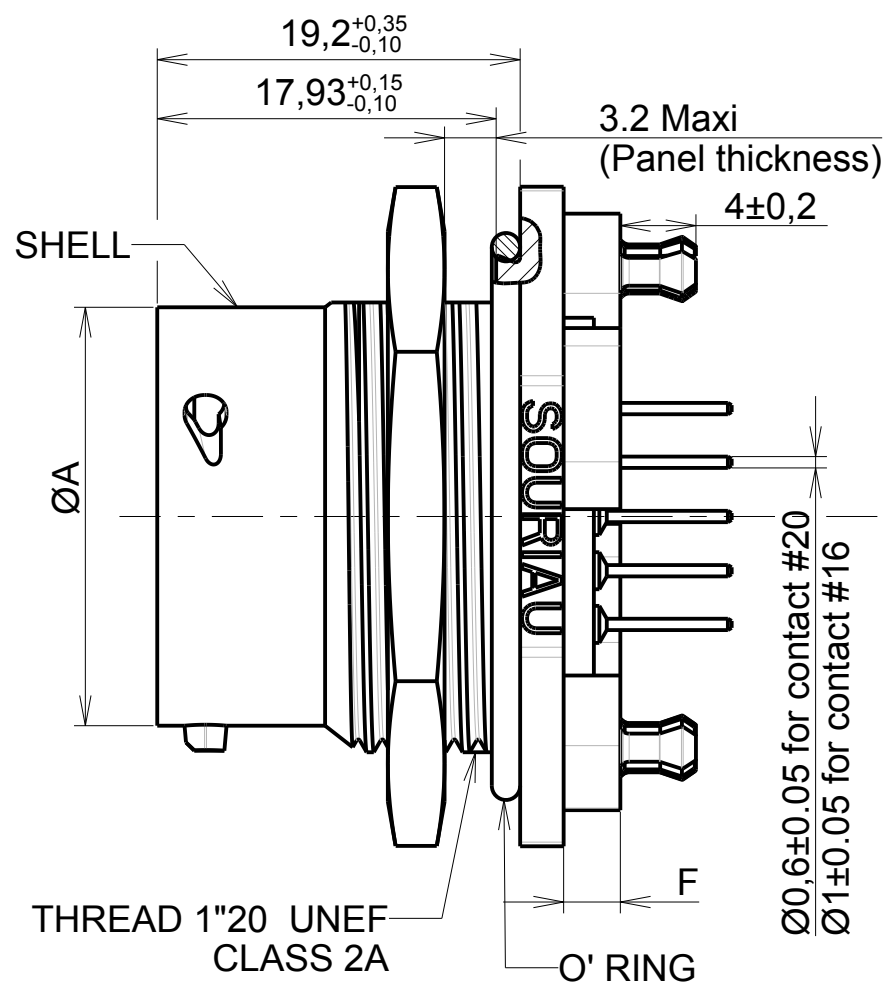
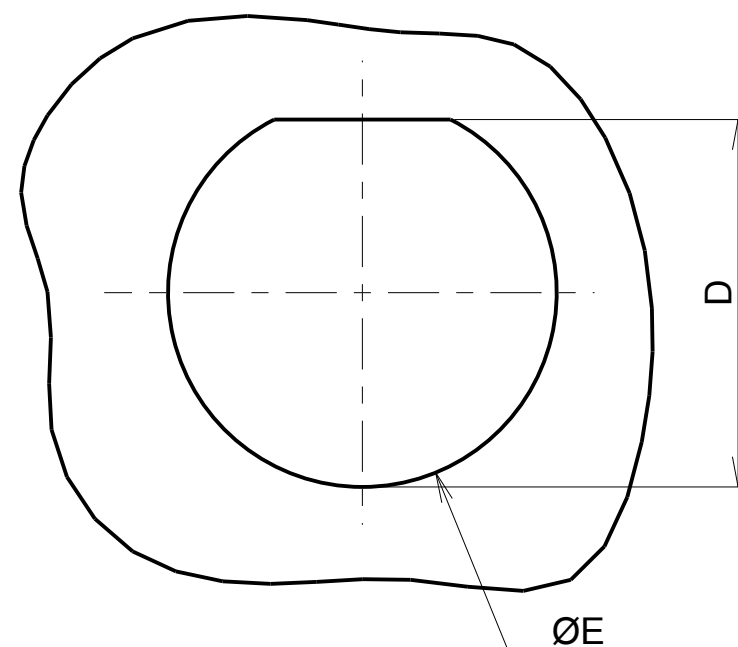




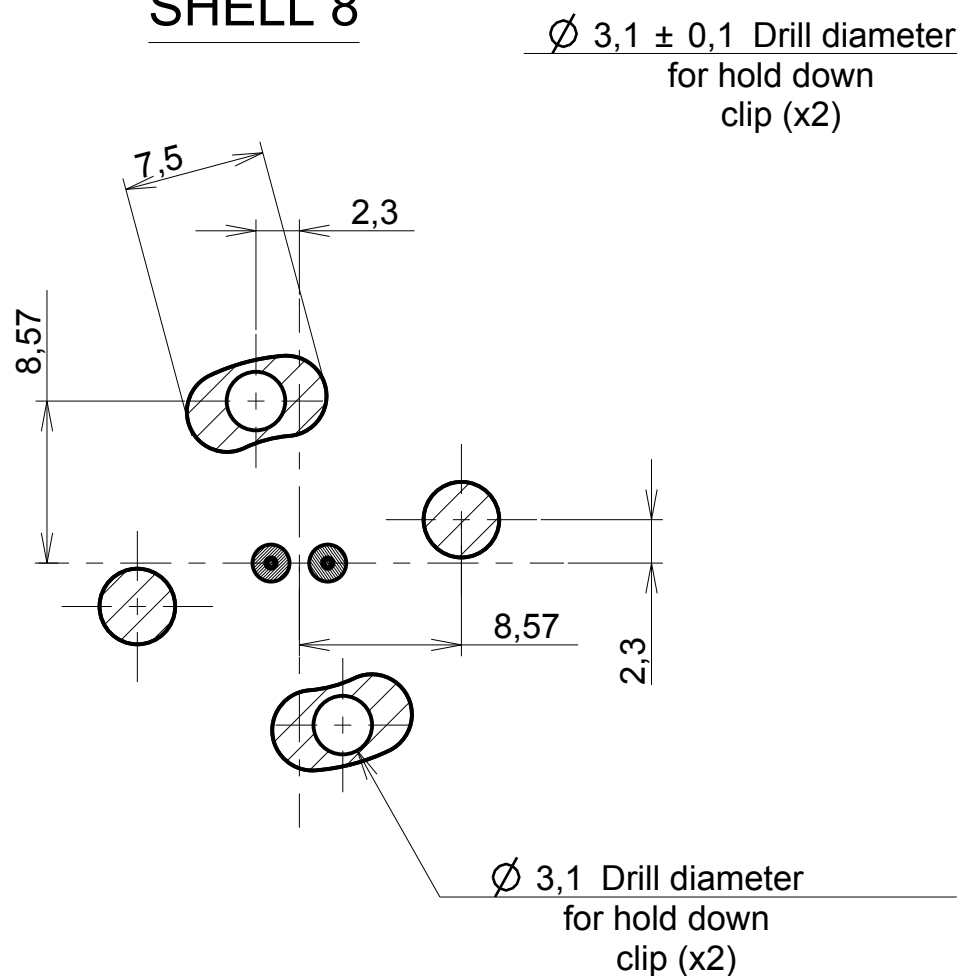
### PANEL CUT OUT



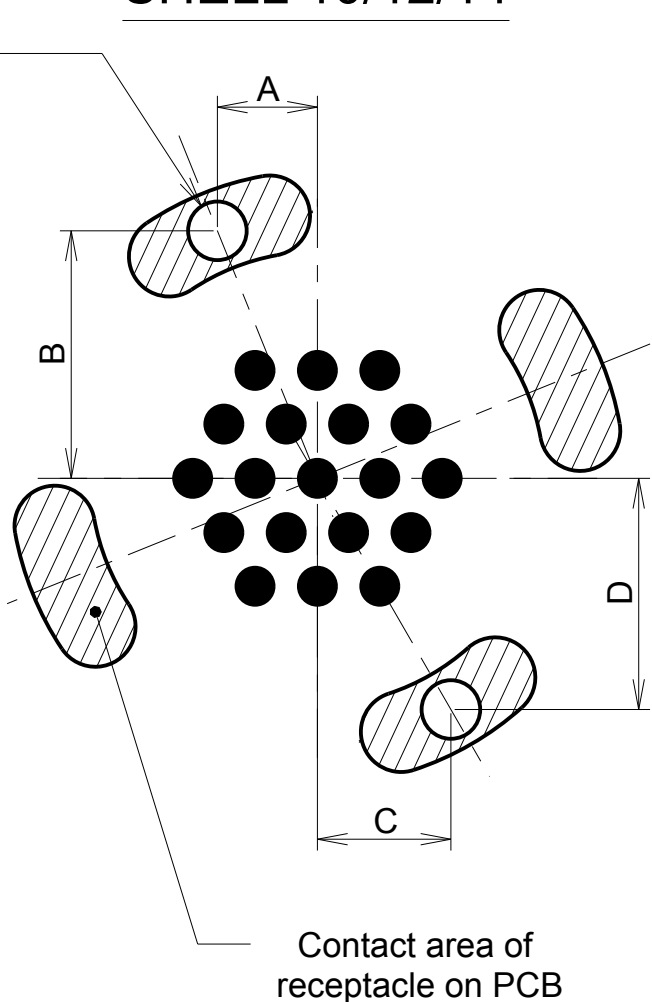
| SHELL SIZE | Ø A ±0.15 | B ±0.20<br>(without marking) | C ±0.20     | D            | Ø E           | F ± 0.3 | Thread                    | Tightening<br>torque (Nut) |
|------------|-----------|------------------------------|-------------|--------------|---------------|---------|---------------------------|----------------------------|
| 08         | 11.90     | 24.00                        | 19.05 ±0.37 | 13.75 ± 0.20 | 14.60 ± 0.20  | 3.1     | 9/16 24 UNEF<br>CLASS 2A  | 2 Nm                       |
| 10         | 14.90     | 26.90                        | 22.15       | 16.40 0/+0.2 | 17.30 0/+0.25 | 3.1     | 11/16 24 UNEF<br>CLASS 2A | 3 Nm                       |
| 12         | 18.95     | 31.75                        | 27.15       | 20.85 0/+0.3 | 22.10 0/+0.3  | 3.1     | 7/8 20 UNEF<br>CLASS 2A   | 4 Nm                       |
| 14         | 22.15     | 34.90                        | 30.20       | 24.00 0/+0.3 | 25.40 0/+0.3  | 3 ± 0.1 | 1"20 UNEF<br>CLASS 2A     | 5 Nm                       |

### DRILLING PATTERN FOR HOLD DOWN PINS

#### SHELL 8



#### SHELL 10/12/14



#### MATERIAL :

- Shell: Polyamid UL94 V-0
- Insert: Polychloropren (CR)
- Seal gasket : Sealing IP68/69K : Silicone
- O'ring: nitril
- Nut: Aluminium alloy black anodized
- Contact: Brass + gold plated

#### PERFORMANCE CHARACTERISTICS :

- Operating temperature: -40°C up to 105°C
- Insulation resistance: 5000 MΩ min
- Test potential: 2000 Vrms for #16 layout and 1500Vrms for #20 layout
- Corrosion salt spray: 500 hours
- Durability: 250 matings and unmatings

#### Sealing in mated and unmated conditions:

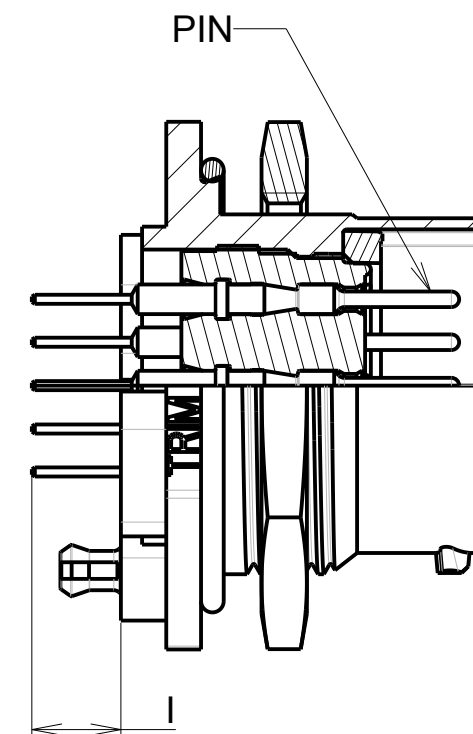
- IP68 : 1 bar during 1 week : immersion under 10 m of water (IEC 60529)
- IP69K : exposure to high pressure water of cleaning equipment (DIN 40050)

#### NOTE :

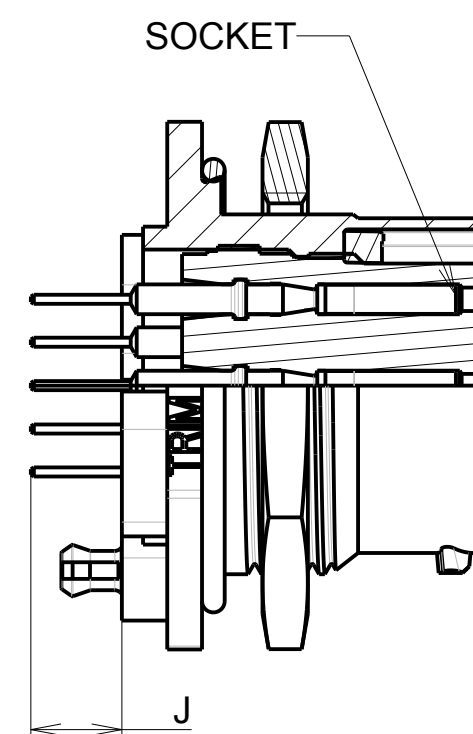
Insert arrangements : refer to C144-UTS1-A

| TAILLE | Perçage 1 |       | Perçage 2 |       |
|--------|-----------|-------|-----------|-------|
|        | A         | B     | C         | D     |
| T10    | 3.98      | 9.85  | 5.31      | 9.20  |
| T12    | 4.92      | 12.17 | 6.56      | 11.37 |
| T14    | 5.29      | 13.10 | 7.06      | 12.23 |

### MALE CONNECTOR



### FEMALE CONNECTOR



| Shell size | I<br>(male connector)                                              | J<br>(female connector)                                              |
|------------|--------------------------------------------------------------------|----------------------------------------------------------------------|
| 8          | 3.8/6 for layout 8-2/8-3/8-4<br>4.7/7.25 for layout 8-3A/8-98/8-33 | 3.75/5.8 for layout 8-2/8-3/8-4<br>4.8/6.9 for layout 8-3A/8-98/8-33 |
| 10         | 4.9/7                                                              | 4.9/7                                                                |
| 12         | 4.8/7<br>3.85/5.9 for layout 12-14                                 | 5.2/7<br>3.85/5.9 for layout 12-14                                   |
| 14         | 4.8/7                                                              | 5.3/7                                                                |

UTS7 14 D 19 P . 32

Jam nut receptacle UTS

Shell size

D= Dipsolder contacts

Insert arrangement  
(See table)

P = Male contact

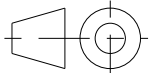
S = Female contact

Orientations

Normal (no digit), W,X,Y,Z = different orientations

Specification

### CUSTOMER DRAWING

|              |  |                                                                                       |  |                                     |  |                                                              |  |                  |  |
|--------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------|--|--------------------------------------------------------------|--|------------------|--|
| d            |  | 05/12/13                                                                              |  | --                                  |  | DRILLING PATTERN: Modification of view and cotation          |  | --               |  |
| ISS          |  | DATE                                                                                  |  | Latest modification - by: LANDAIS.P |  |                                                              |  | MOD N°           |  |
| Designed by: |  | SORIN V.                                                                              |  | Date:                               |  | 19/05/10                                                     |  | CUSTOMER DRAWING |  |
| TITLE        |  | JAM NUT WITH DIPSOLDER CONTACTS                                                       |  |                                     |  |                                                              |  |                  |  |
|              |  | UTS HI SEAL SPECIF.32                                                                 |  |                                     |  |                                                              |  |                  |  |
| Scale        |  |  |  | General linear Tolerances:          |  | NPRDS / PROJECT                                              |  |                  |  |
| 2/1          |  |                                                                                       |  | ± 0.2                               |  | UTS-HI SEAL                                                  |  |                  |  |
| SOURIAU      |  | WWW.SOURIAU.COM                                                                       |  |                                     |  | This document is the property of SOURIAU                     |  |                  |  |
|              |  |                                                                                       |  |                                     |  | It must not be reproduced or communicated without permission |  |                  |  |
| FORMAT       |  | SOURIAU DRG N°                                                                        |  |                                     |  |                                                              |  | SHEET            |  |
| A2           |  | C121-UTS1-A                                                                           |  |                                     |  |                                                              |  | 1 / 1            |  |
|              |  | NOT EXPORT CONTROL                                                                    |  |                                     |  |                                                              |  |                  |  |