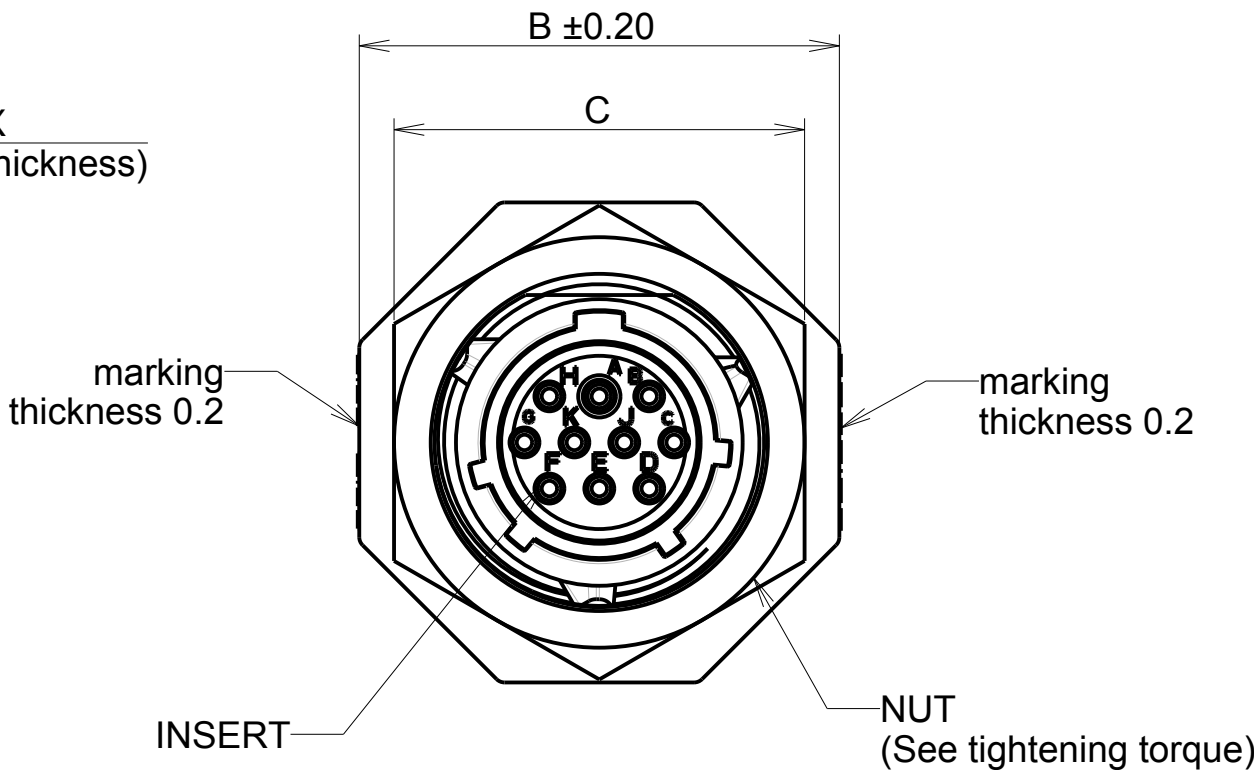
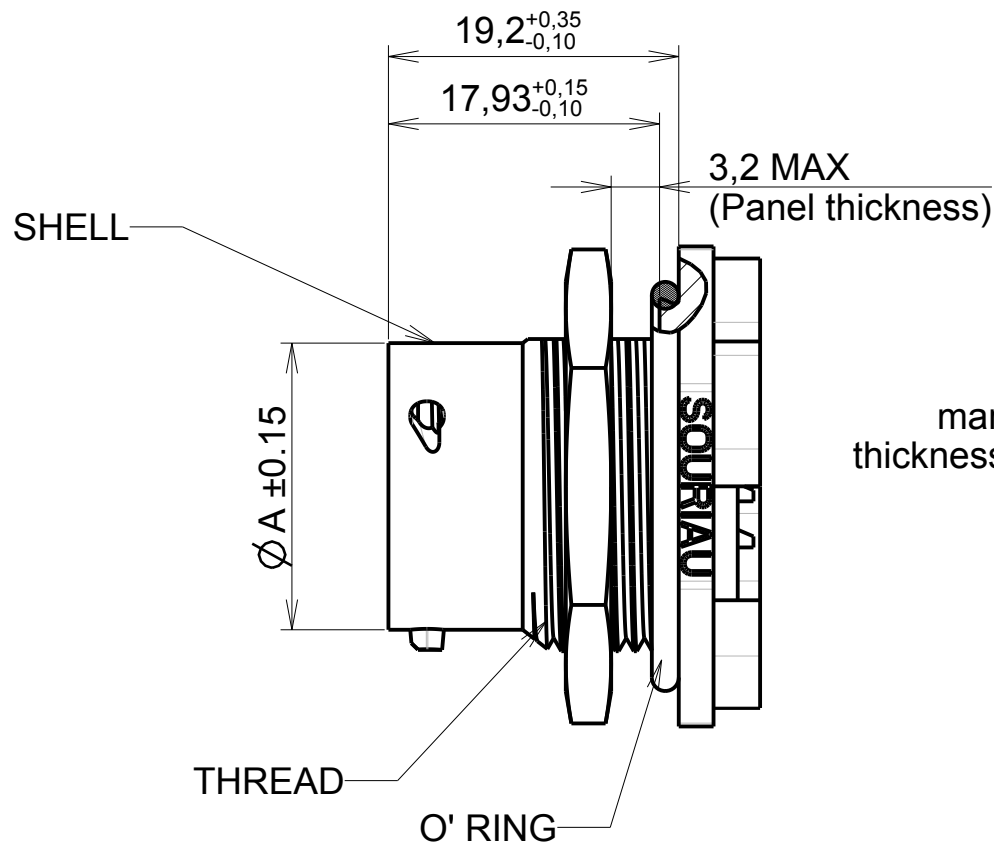
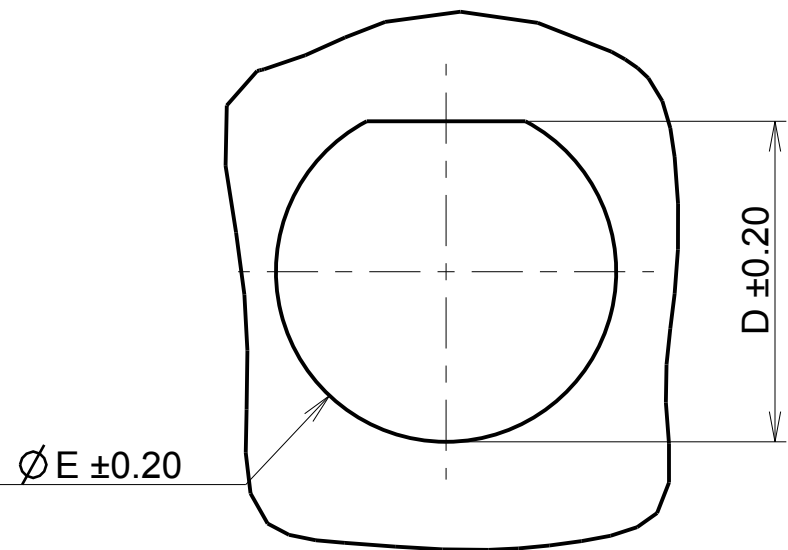
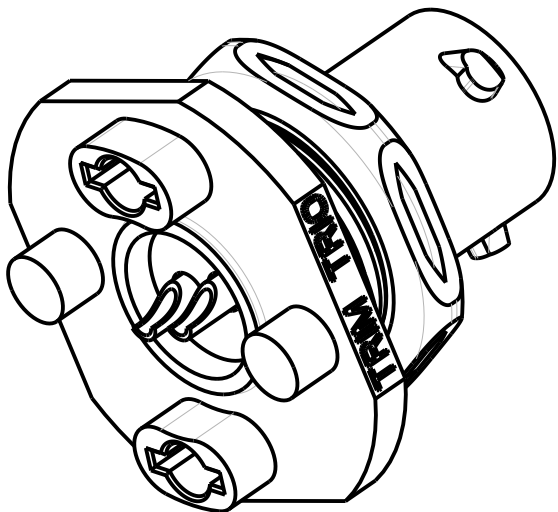




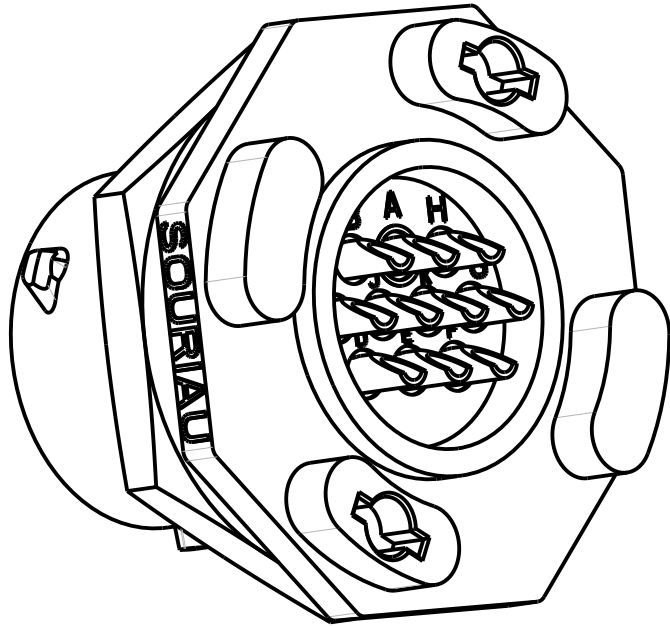
PANEL CUT OUT



SHELL 8  
(Rear detail)



SHELL 10 / 12 / 14  
(Rear detail)

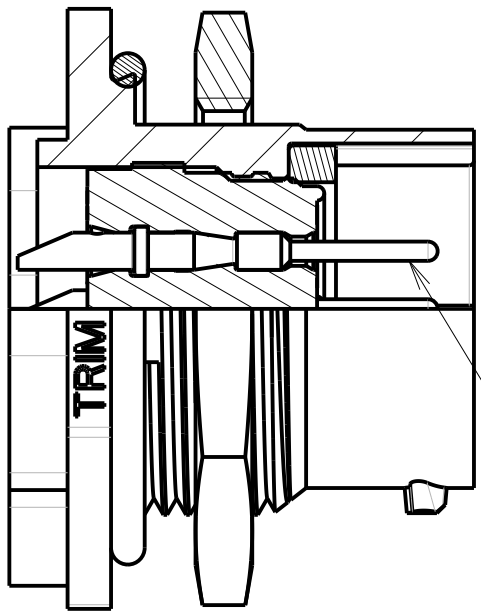


MATERIAL :  
Shell:Polyamid UL94 V-0  
Insert:Polychloropren (CR)  
Seal gasket : Sealing IP68/69K : Silicone  
O'ring:nitril  
Nut:Aluminium alloy black anodized  
Contact: Brass + gold plated

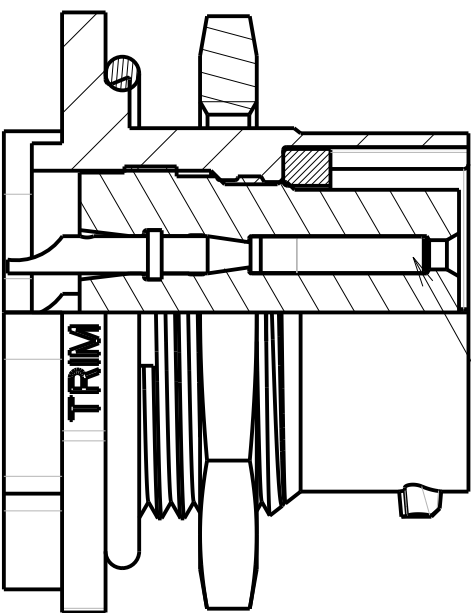
PERFORMANCE CHARACTERISTICS :  
Operating temperature:-40°C up to 105°C  
Insulation resistance:5000 MΩ min  
Test potential:2000 Vrms for #16 layout and 1500Vrms for #20 layout  
Corrosion salt spray:500 hours  
Durability:250 matings and unmatings  
Sealing in mated and unmated conditions:  
-IP68 1 bar during 1 week : immersion under 10 m of water.  
(IEC 60529)  
-IP69K : exposure to high pressure water of cleaning  
equipement(DIN 40050)

NOTE:  
Insert arrangements: refer to C144-UTS1-A

MALE CONNECTOR



FEMALE CONNECTOR



| SHELL SIZE | A ±0.15 | B ±0.20<br>(without marking) | C ±0.20     | C ±0.37<br>specif. 30 | D ±0.20 | E ±0.20 | Thread                    | Tightening<br>torque (Nut) |
|------------|---------|------------------------------|-------------|-----------------------|---------|---------|---------------------------|----------------------------|
| 08         | 11.90   | 24.00                        | 19.05 ±0.37 | 19.05                 | 13.75   | 14.60   | 9/16 24 UNEF<br>CLASS 2A  | 2 Nm                       |
| 10         | 14.90   | 26.90                        | 22.15       | 22.20                 | 16.50   | 17.70   | 11/16 24 UNEF<br>CLASS 2A | 3 Nm                       |
| 12         | 18.95   | 31.75                        | 27.15       | 26.97                 | 21.20   | 22.50   | 7/8 20 UNEF<br>CLASS 2A   | 4 Nm                       |
| 14         | 22.15   | 34.90                        | 30.20       | 30.15                 | 24.30   | 25.70   | 1"20 UNEF<br>CLASS 2A     | 5 Nm                       |

Jam nut receptacle UTS  
Shell size  
E = Handsolder contacts  
Insert arrangement  
(See table)  
P = Male contact  
S = Female contact  
Orientations  
Normal (no digit), W, X, Y, Z = different orientations  
Specification

UTS7 14 E 12 P . XX

CUSTOMER DRAWING

|                                  |          |                                                              |                                                                                                                |
|----------------------------------|----------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| h                                | 11/05/11 | specify the dimensions - add orientations in the part number | 21774                                                                                                          |
| ISS                              | DATE     | Add Insert arrangements                                      | MOD N°                                                                                                         |
| Designed by: <b>SORIN V.</b>     |          | Date: 26/10/07                                               | CUSTOMER DRAWING                                                                                               |
| TITLE                            |          | JAM NUT RECEPTACLE WITH SOLDER CONTACTS<br>UTS HI SEAL       |                                                                                                                |
| Scale                            | 2/1      | General linear<br>Tolerances:<br>± 0.1                       | NPRDS / PROJECT<br>UTS                                                                                         |
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| FORMAT                           | A2       | SOURIAU DRG N°<br>C045-UTS1-A                                | SHEET<br>1/1                                                                                                   |