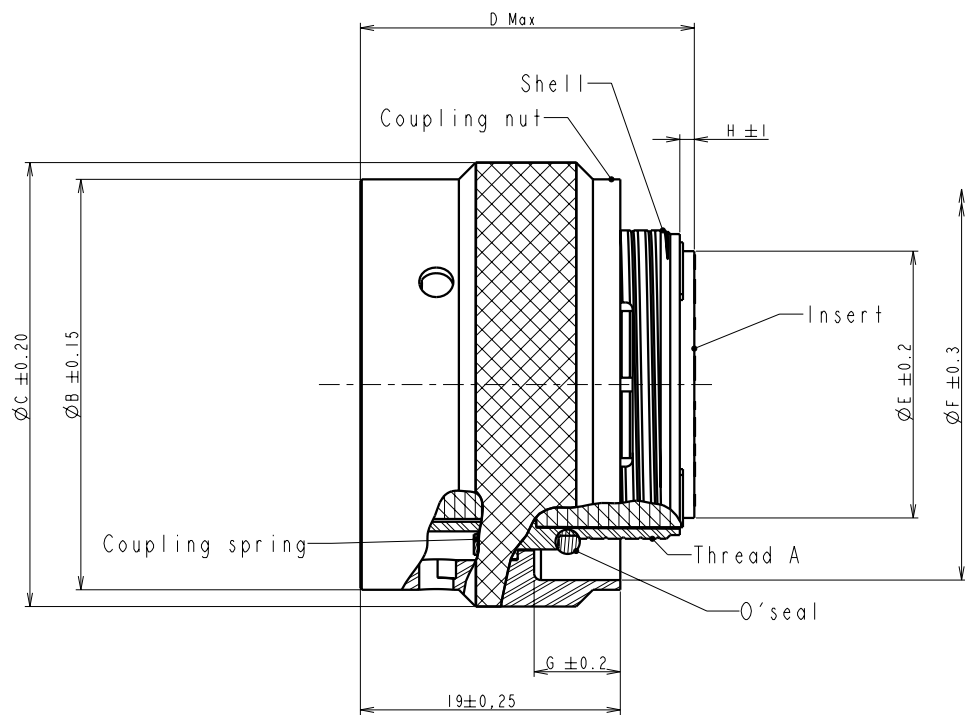




#### MATERIAL :

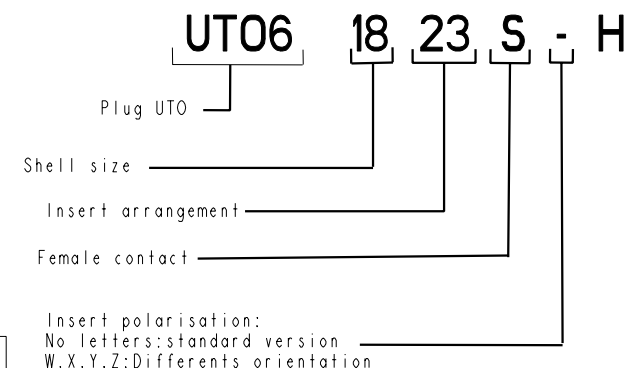
Shell: Zinc alloy nickel plated  
Coupling Nut: Aluminium alloy nickel plated  
Insert: PA 66 UL94 V0  
Coupling Spring: Stainless steel  
O'seal: Nitril

#### PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C  
Insulation resistance: 5000 MΩ2min  
Test potential: 2000 Vrms  
Corrosion salt spray: 48 hours  
Durability: 500 matings and unmatings

#### NOTES :

- 1-Contact identification: refer to UTO-CONTACT-L-C02
- 2-Connector blocks accept size #16 socket contact (strip formed, machined, crimp and spill)
- 3-Contact to be ordered separately: refer to TRIM TRIO catalog
- 4-Polarization of connector: refer to UTO-POLARIZATION-C01
- 5-Insert arrangements: refer to UTO-CONTACT-L-C02



| Part Number | Thread A                 | $\varnothing B \pm 0.15$ | $\varnothing C \pm 0.20$ | D Max | $\varnothing E \pm 0.2$ | $\varnothing F \pm 0.3$ | $G \pm 0.2$ | $H \pm 0.2$ |
|-------------|--------------------------|--------------------------|--------------------------|-------|-------------------------|-------------------------|-------------|-------------|
| UTO6104S-H  | 9/16-24 UNEF Class 2A    | 20.00                    | 21.80                    | 25.30 | 10.15                   | 18.00                   | 6.10        | 1.50        |
| UTO6128S-H  | 11/16-24 UNEF Class 2A   | 23.60                    | 26.10                    | 25.30 | 13.10                   | 22.25                   | 6.10        | 1.50        |
| UTO61412S-H | 13/16-20 UNEF Class 2A   | 26.80                    | 29.30                    | 25.30 | 16.40                   | 25.40                   | 6.10        | 1.5         |
| UTO61619S-H | 15/16-20 UNEF Class 2A   | 30.00                    | 32.45                    | 25.30 | 19.50                   | 28.58                   | 6.10        | 1.5         |
| UTO61823S-H | 1" 1/16-18 UNEF Class 2A | 33.30                    | 35.25                    | 25.30 | 21.65                   | 31.75                   | 6.10        | 1.30        |
| UTO62028S-H | 1" 3/16-18 UNEF Class 2A | 36.55                    | 38.80                    | 27.30 | 24.80                   | 34.93                   | 5.50        | 1.25        |
| UTO62235S-H | 1" 5/16-18 UNEF Class 2A | 39.50                    | 42.00                    | 27.30 | 27.99                   | 37.00                   | 5.50        | 1.25        |
| UTO62448S-H | 1" 7/16-18 UNEF Class 2A | 42.60                    | 45.05                    | 27.30 | 31.16                   | 41.28                   | 5.50        | 1.25        |

|                                   |                   |                                      |                           |                                                              |         |
|-----------------------------------|-------------------|--------------------------------------|---------------------------|--------------------------------------------------------------|---------|
| D                                 | 04/12/04          | Up dating of the drawing             |                           | ---                                                          |         |
| ISS                               | DATE              | Latest modification - by: C. PROVOST |                           | MOD N°                                                       |         |
| Designed by: C. PROVOST           |                   | Date: 28/10/03                       | Type of drawing: CUSTOMER |                                                              |         |
| Checked by: SEE DISTRIBUTION LIST |                   | Date: SEE DISTRIBUTION LIST          |                           |                                                              |         |
| TITLE                             |                   | Connector UTO                        |                           |                                                              |         |
|                                   |                   | Part number: UTO6xxxxSxH             |                           |                                                              |         |
| Scale                             | General angular   | Tolerances: ± --                     |                           | MATERIAL --                                                  |         |
| 5/1                               |                   |                                      |                           |                                                              |         |
|                                   | General linear    | General machining                    |                           |                                                              | PROJECT |
|                                   | Tolerances: ± 0.1 | surface texture                      |                           |                                                              |         |
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|                                   |                   | 72470 CHAMPAGNE                      |                           |                                                              |         |
|                                   |                   | Tel.: (33)02.43.54.35.00             |                           |                                                              |         |
| FORMAT                            | SOURIAU DRG N°    |                                      |                           | SHEET                                                        |         |
| A2                                | UTO6xxxxSxx-C03   |                                      |                           | 1 / 1                                                        |         |