

**MATERIAL :**  
 Coupling Nut: Polyamid UL94 V-0  
 Inset: Polyamid UL94 V0  
 Backshell body : Polyamid UL94 V-0  
 Backshell nut: Polyamid UL94 V-0  
 Shell : Polyamid UL94 V-0  
 Coupling spring : Stainless steel  
 O'seal : Nitril

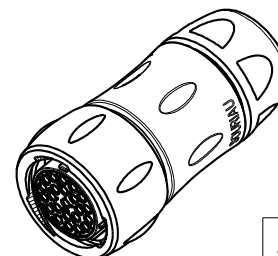
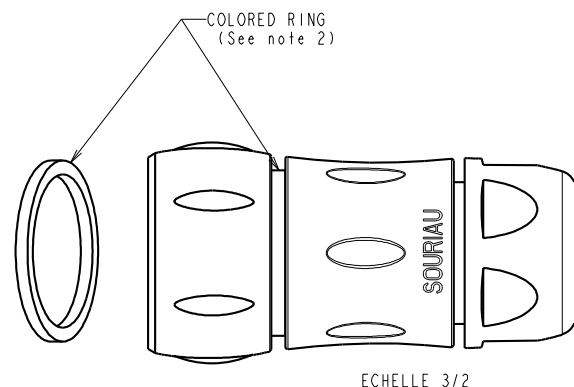
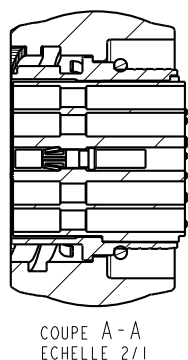
**PERFORMANCE CHARACTERISTICS :**  
 Operating temperature: -40°C up to 105°C  
 Insulation resistance: 5000 MΩmin  
 Contact resistance: < 3 mΩ  
 Test potential: 2000 Vrms for #16 layout  
 Corrosion salt spray: 500 hours  
 Durability: 250 matings and unmatings  
 Sealing in mated conditions:  
 - IP68 1 bar during 1 week : immersion under 10 m of water. (IEC 60529)  
 - IP69K : exposure to high pressure water of cleaning equipment (DIN 40050)

**NOTES :**  
 1- Contact to be ordered separately : refer to TRIM TRIO catalog  
 2- Colored ring to be ordered separately refer to customer drawing C006-UTSI-A

SHELL SIZE	ØA MAXI	B MINI	CAPACITY C		HEXAGON D	E MAX	Tightening torque (BACKSHELL NUT)
			STANDARD	REDUCING SEAL			
18	42	81.3	9 / 18	7 / 16	33	39	3 N.m

PLUG UTS6  
 BACKSHELL  
 Shell size  
 Insert arrangement  
 S = Female contact (See detail 1)

### FEMALE CONNECTOR (Detail 1)



CUSTOMER DRAWING

ISS	21/04/09	First issue	MOD N°
Designed by:	RAGAINEM	Date: 21/04/09	CUSTOMER DRAWING
TITLE	FEMALE PLUG SIZE 18 WITH BACKSHELL UTS CONNECTOR		
Scale	2/1	General linear Tolerances: ±0.2	NPRDS / PROJECT IC090204A
FORMAT	A2	SOURIAU DRG N° C089-UTSI-A	SHEET 1 / 1



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