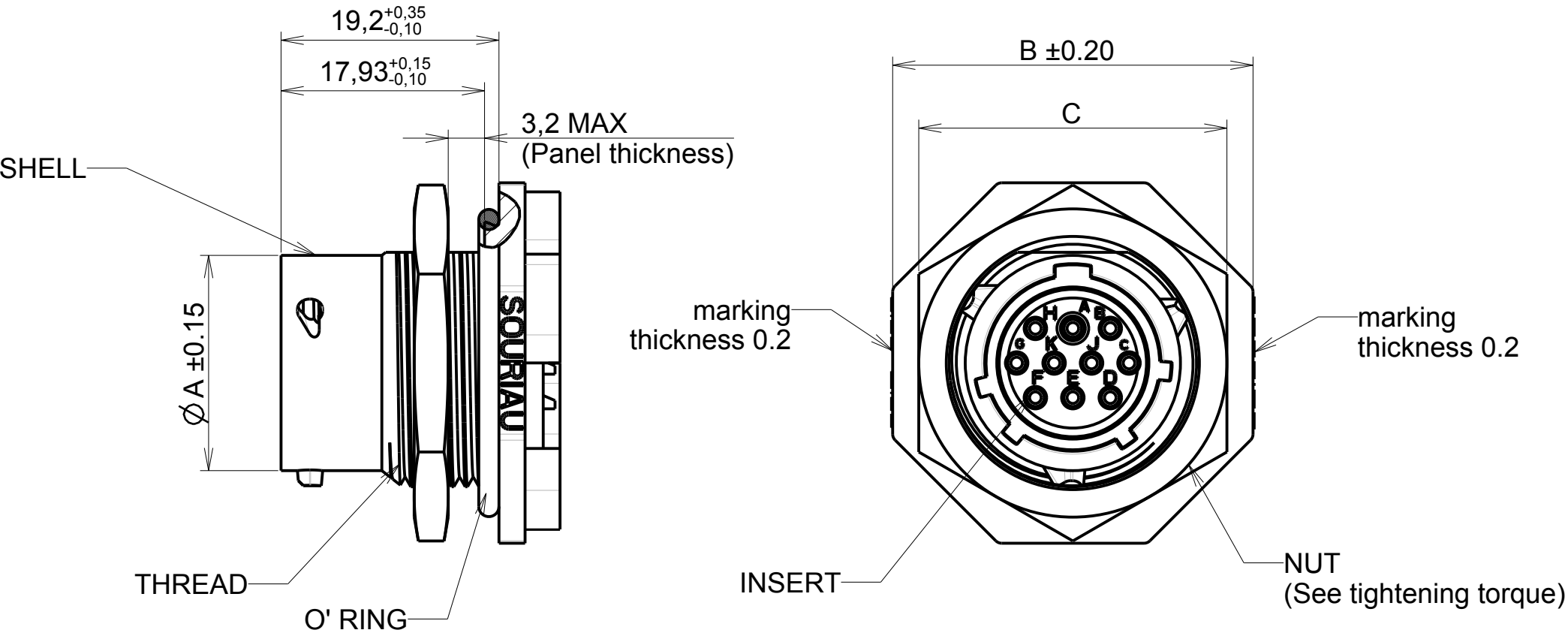
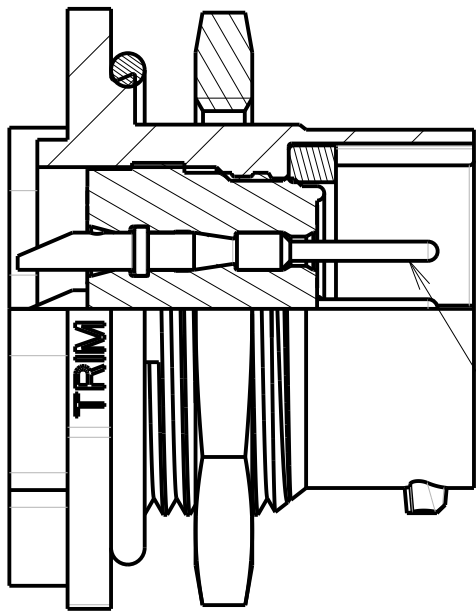
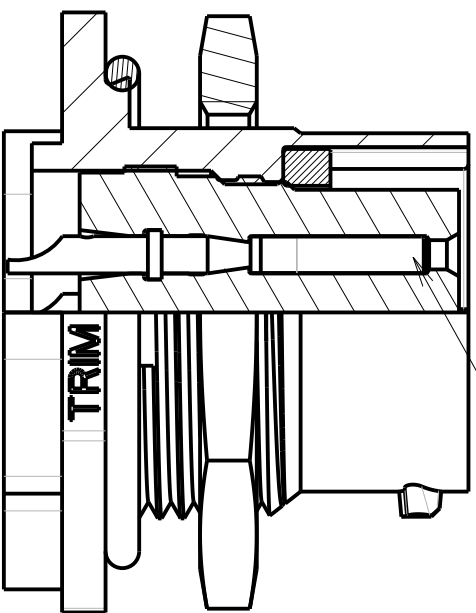




MALE CONNECTOR



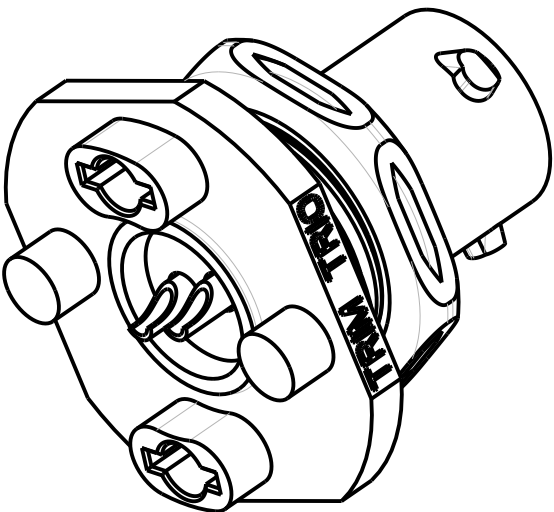
FEMALE CONNECTOR



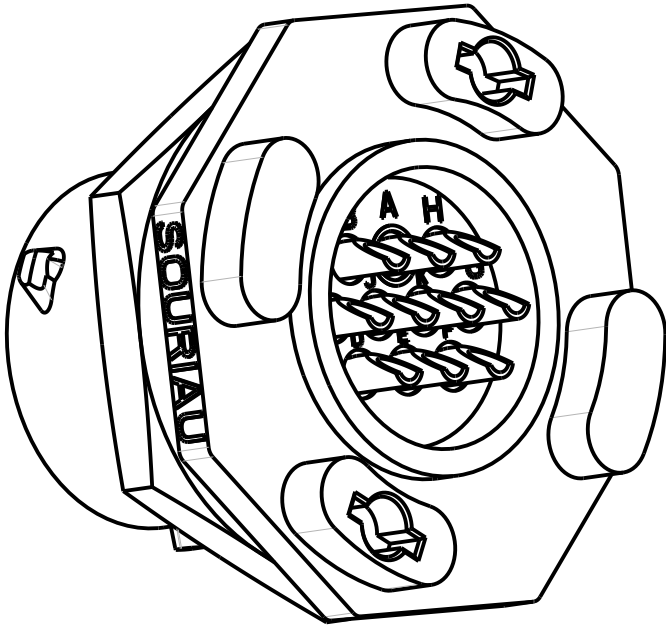
PIN

SOCKET

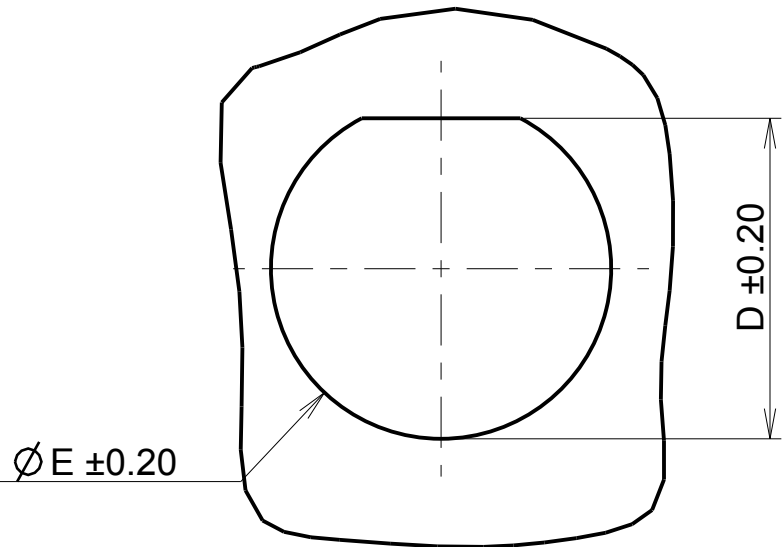
SHELL 8
(Rear detail)



SHELL 10 / 12 / 14
(Rear detail)



PANEL CUT OUT



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)

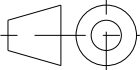
NOTE:
Insert arrangements: refer to C144-UTS1-A

SHELL SIZE	A ±0.15	B ±0.20 (without marking)	C ±0.20	C ±0.37 specif. 30	D ±0.20	E ±0.20	Thread	Tightening torque (Nut)
08	11.90	24.00	19.05 ±0.37	19.05	13.75	14.60	9/16 24 UNEF CLASS 2A	2 Nm
10	14.90	26.90	22.15	22.20	16.50	17.70	11/16 24 UNEF CLASS 2A	3 Nm
12	18.95	31.75	27.15	26.97	21.20	22.50	7/8 20 UNEF CLASS 2A	4 Nm
14	22.15	34.90	30.20	30.15	24.30	25.70	1"20 UNEF 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	Latest modification - by: J.FEURPRIER			MOD N°
Designed by:		SORIN V.		Date: 26/10/07	CUSTOMER DRAWING
TITLE		JAM NUT RECEPTACLE WITH SOLDER CONTACTS			
		UTS HI SEAL			
Scale			General linear Tolerances: ± 0.1	NPRDS / PROJECT UTS	
2/1					
		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	C045-UTS1-A			1 / 1	
NOT EXPORT CONTROLLED					