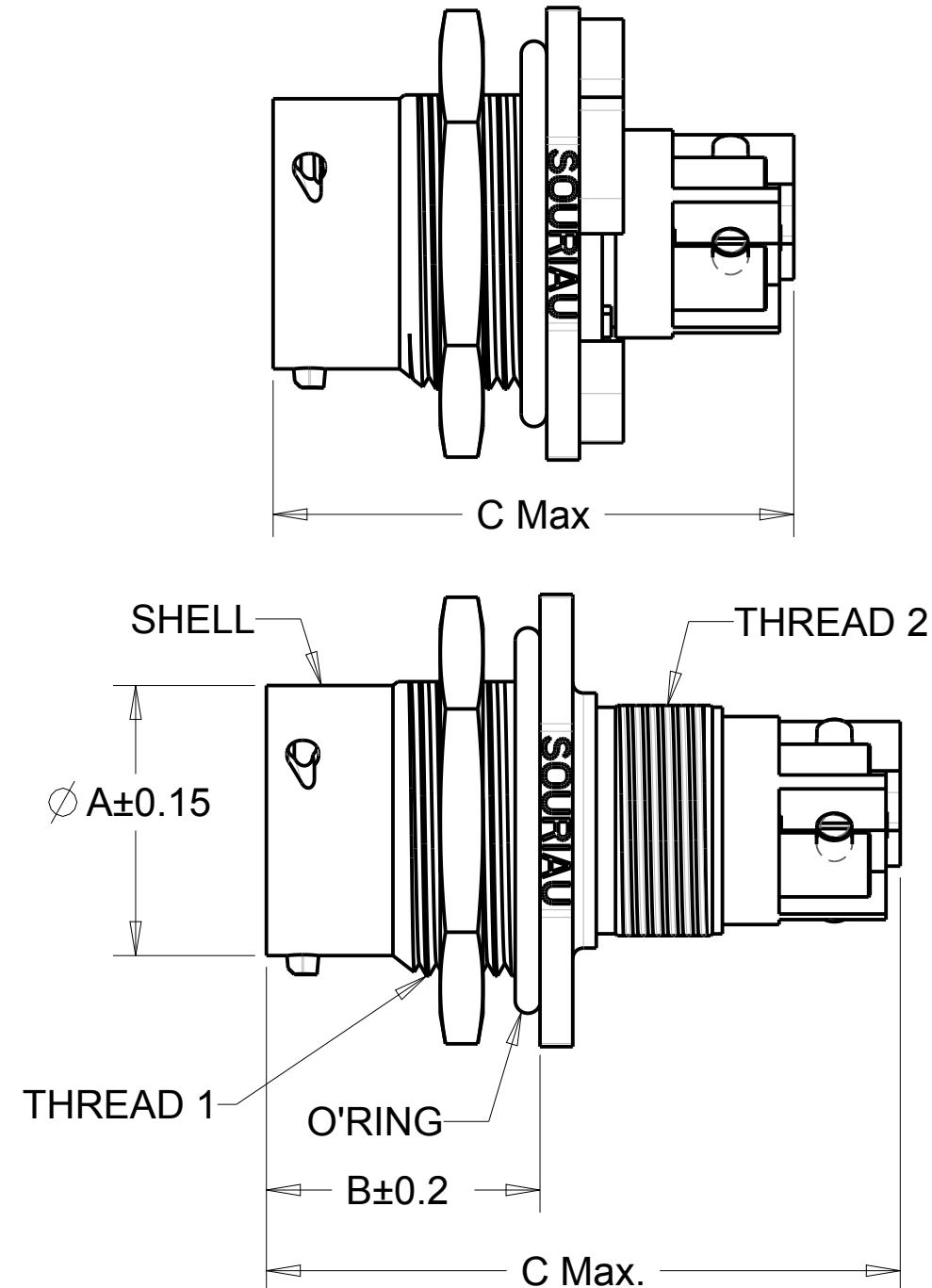
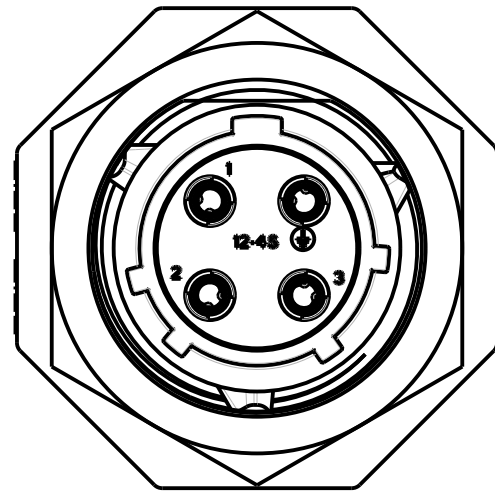
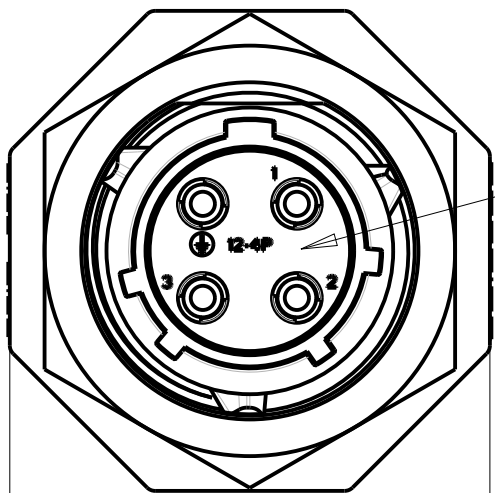




FEMALE

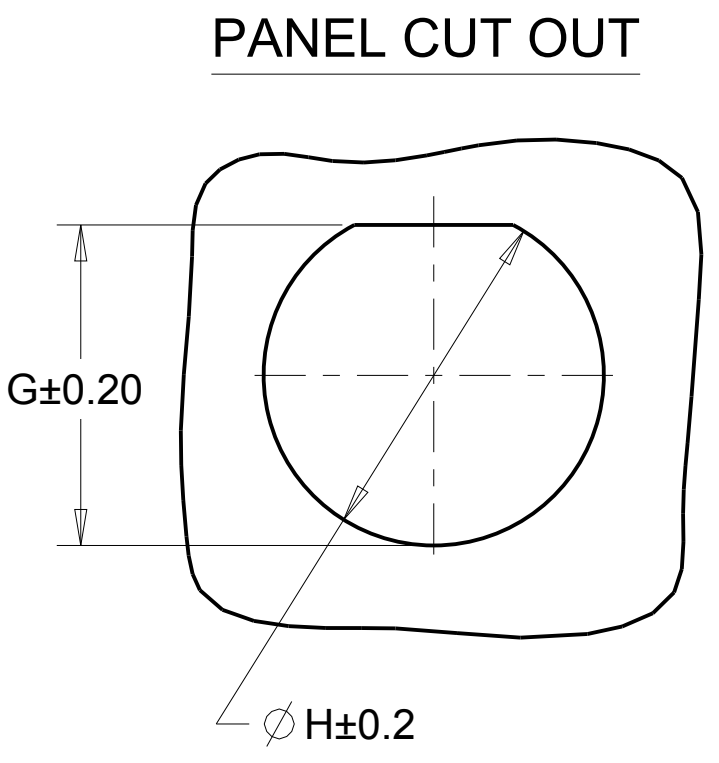


MATING FACE



INSERT

MALE



PANEL CUT OUT

MATERIAL :

Inset: Polyamid UL94 V0
Shell : Polyamid UL94 V-0
Seal gasket : Sealing IP68/69K : Silicone
O'ring : Nitril

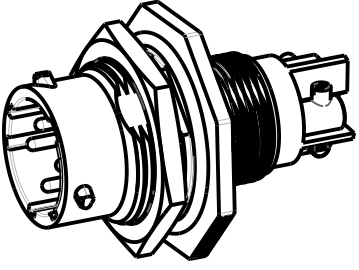
PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C
Insulation resistance: 5000 MΩ min
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)

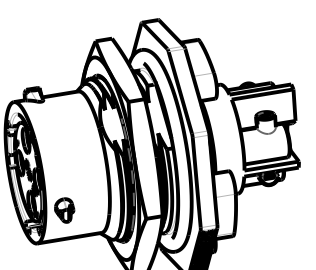
NOTES :

- 1-Colored ring to be ordered separately refer to customer drawing C005-UTS1-A
- 2-Insert arrangements : refer to : -C007-UTS1-A (Male insulator)
-C008-UTS1-A (Female insulator)
- 3-The female receptacle is a short version (rear thread missing)

MALE



FEMALE



UTS7 XX X X SCR

Receptacle UTS7

Shell size : 12/14

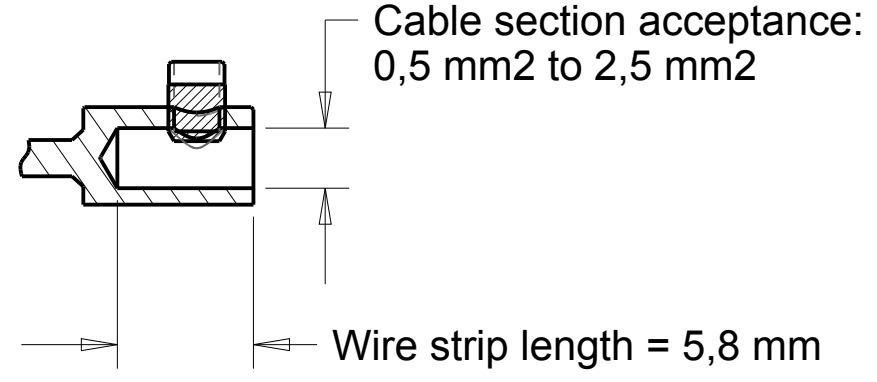
Insert arrangement (See nota 2)

P/S = Male/Female contact

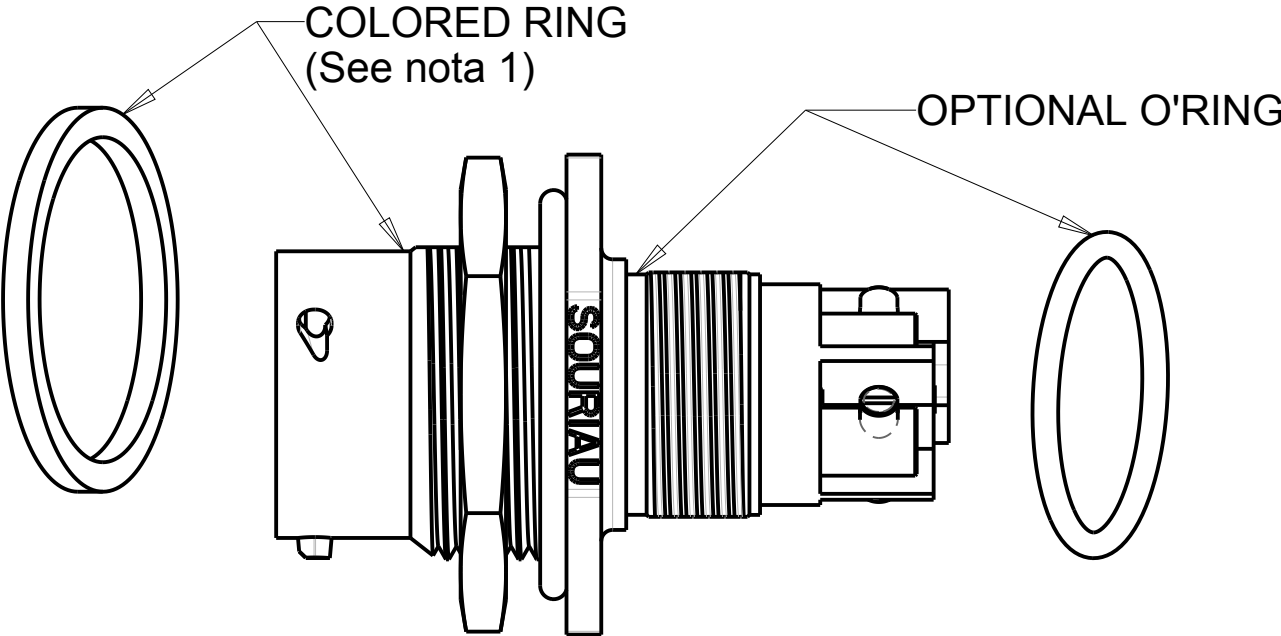
SCR = Screw termination

SHELL SIZE	LAYOUT	THREAD 1	THREAD 2	Ø A±0.15	B±0.2	C MAX. male version	C MAX. female version (see nota 3)	D MAX.	E±0.25	F±0.3	G±0.20	Ø H±0.2
12	4	7/8 20 UNEF CLASS 2A	11/16 24 UNEF CLASS 2A	19.00	19.30	46.5	38.3	3.20	31.80	27.00	21.20	22.50
14	7	1"20 UNEF CLASS 2A	13/16 20 UNEF CLASS 2A	22.20	19.30	52.50	44.4	3.20	34.90	30.20	24.30	25.70

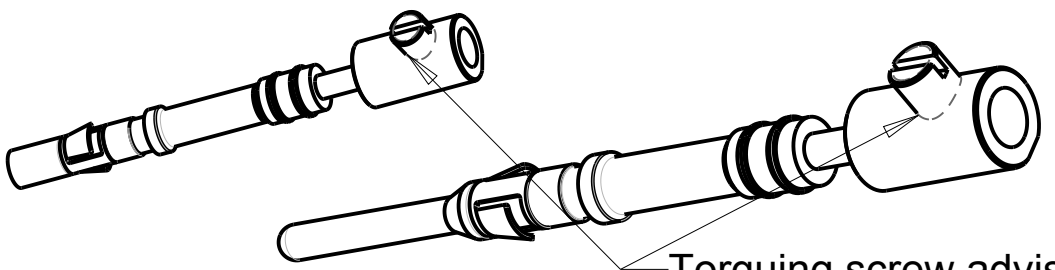
DETAIL SCREW CONTACT



OPTIONAL PART



CUSTOMER DRAWING



Torquing screw advised : 20 N.cm

f	16/12/10	Addition of the views of the connector female		
ISS	DATE	Latest modification - by: SINEAU.G		MOD N°
Designed by: V.CHANTEAU		Date: 26/02/07		CUSTOMER DRAWING
TITLE		JAM NUT RECEPTACLE UTS CONNECTOR		
Scale	2.000	General linear Tolerances: ±0.2	NPRDS / PROJECT UTS1	
SOURIAU Connection Technology		WWW.SOURIAU.COM		This document is the property of SOURIAU. It must not be reproduced or communicated without permission.
FORMAT	A2	SOURIAU DRG N° C015-UTS1-A		SHEET 1/1

NOT EXPORT CONTROLLED