

# MATING FACE

## MATERIAL :

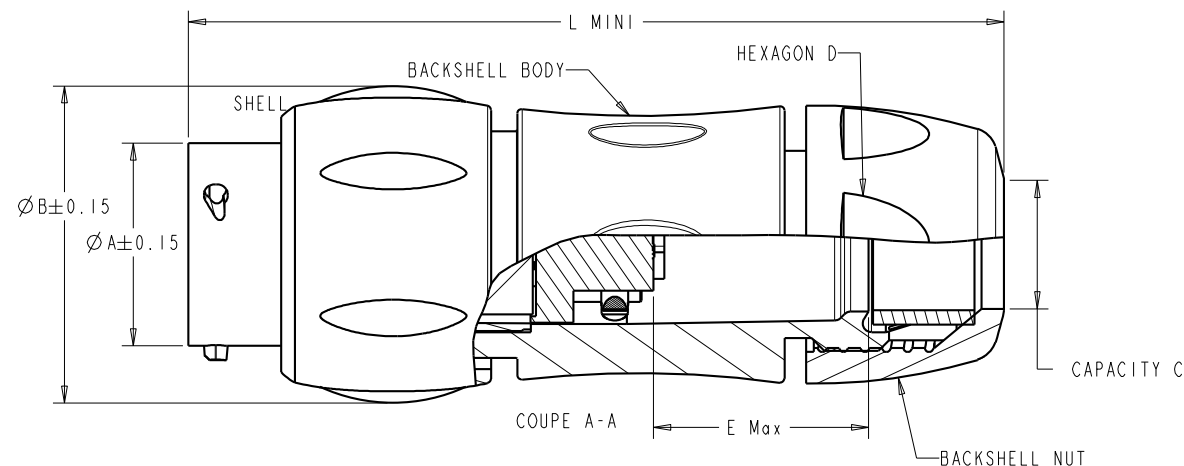
Inset: Polyamid UL94 V0  
Shell : Polyamid UL94 V-0  
Seal gasket : Sealing IP68/69K : Silicone  
O'ring : Nitril

## PERFORMANCE CHARACTERISTICS :

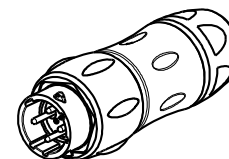
Operating temperature: -40°C up to 105°C  
Insulation resistance: 5000 M $\Omega$ min  
Contact resistance: < 3 m $\Omega$   
Test potential: 2000 Vrms for #16 layout  
Corrosion salt spray: 500 hours  
Durability: 250 matings and unmatings  
Sealing in mated conditions:  
-IP68 1 bar during 1 week : 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 order separately refer to customer drawing C005-UTSI-A
- 2-Insert arrangements : refer to : C007-UTSI-A (Male insulator)



SHELL SIZE	LAYOUT	ØA±0.15	ØB±0.2	L MINI	E Max Male	HEXAGON D	CAPACITY C	
							STANDARD	REDUCING
12	4	19.00	29.70	74	21.5	24	5 / 12	3 / 9
14	7	22.20	34.60	78.5	26.5	26	7 / 14	5 / 12



UTSI JC X X SCR

Receptacle UTSI

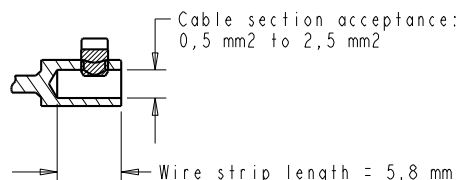
Shell size : 12/14

Insert arrangement (See nota 2)

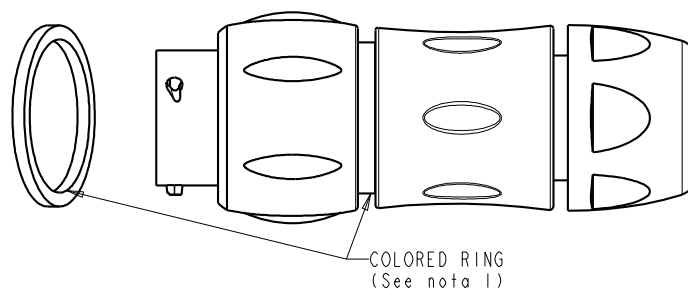
P = Male contact

SCR = Screw termination



## DETAIL SCREW CONTACT



## OPTIONAL PART



## CUSTOMER DRAWING

b	26/10/09	--	Torque screw advised modification	20772
ISS	DATE	Latest modification - by:	RAGAIN M.	MOD N°
Designed by:	RAGAIN M.		Date: 23/04/07	CUSTOMER DRAWING
TITLE		IN-LINE CONNECTOR UTS CONNECTOR		
Scale		General linear Tolerances ±0.2	NPRDS / PROJECT <b>UTSI</b>	
3.000			This document is the property of SOURIAU It must not be reproduced or communicated without permission	
		www.souriau.com		NOTES
FORMAT	SOURIAU DRG N°		SHEET	
A2	COI9-UTSI-B		1 / 1	

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