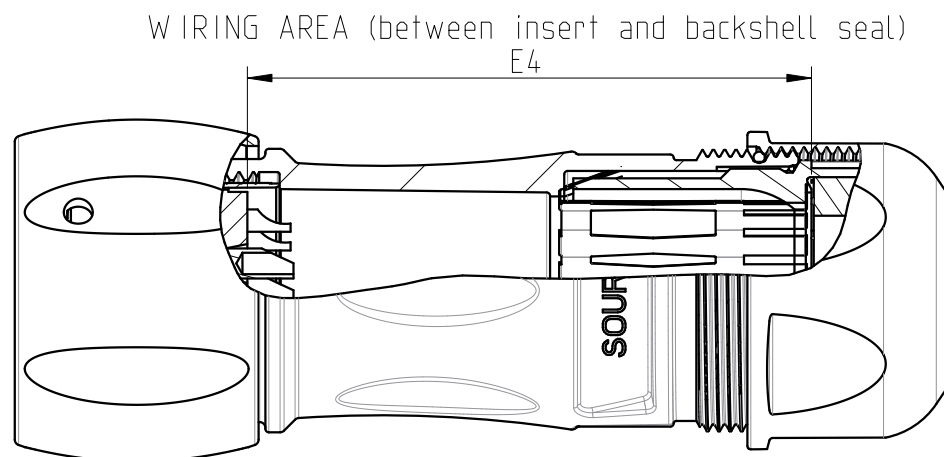
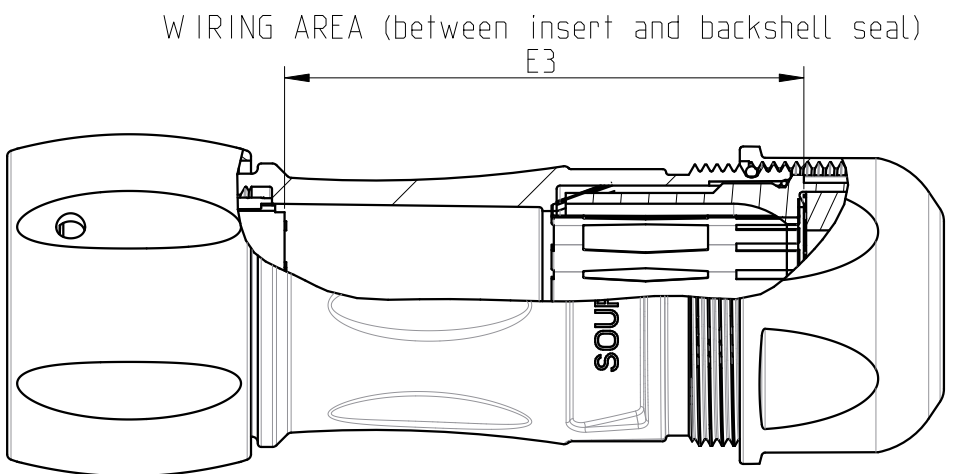
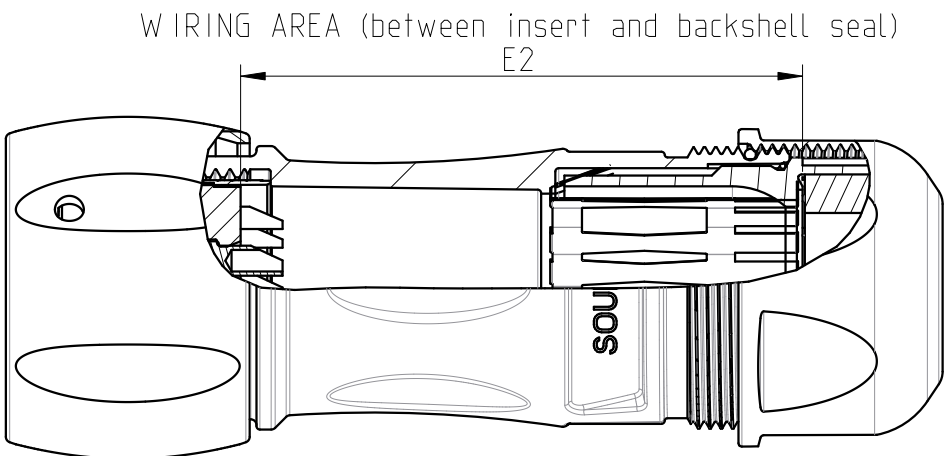
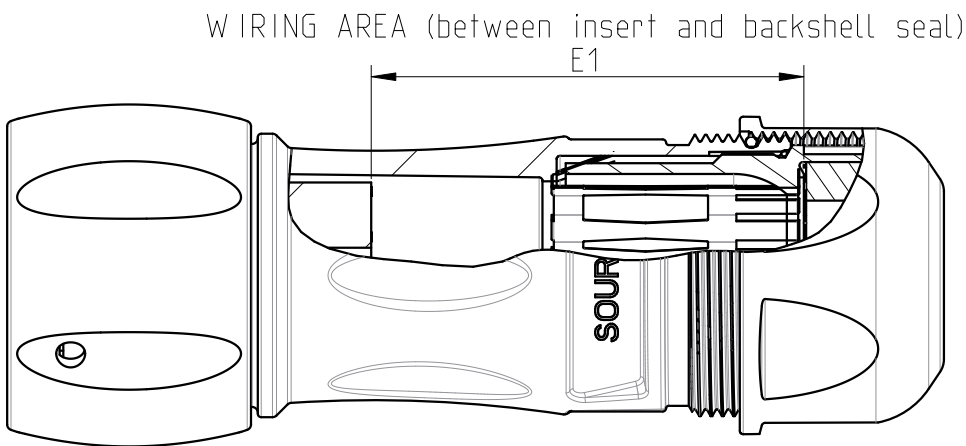


SIDE VIEW FOR EACH VERSION

UTOX6MS-----

UTOX6MS--E----



SEALING
CONDITIONS

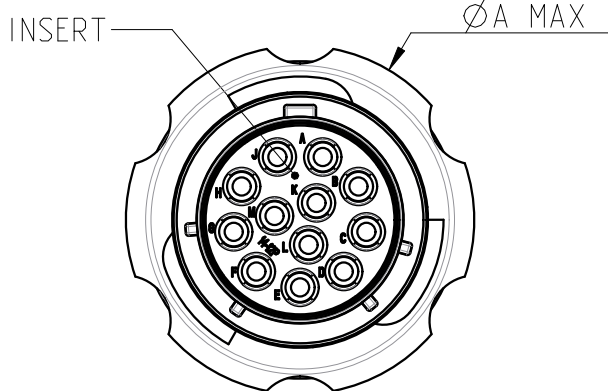
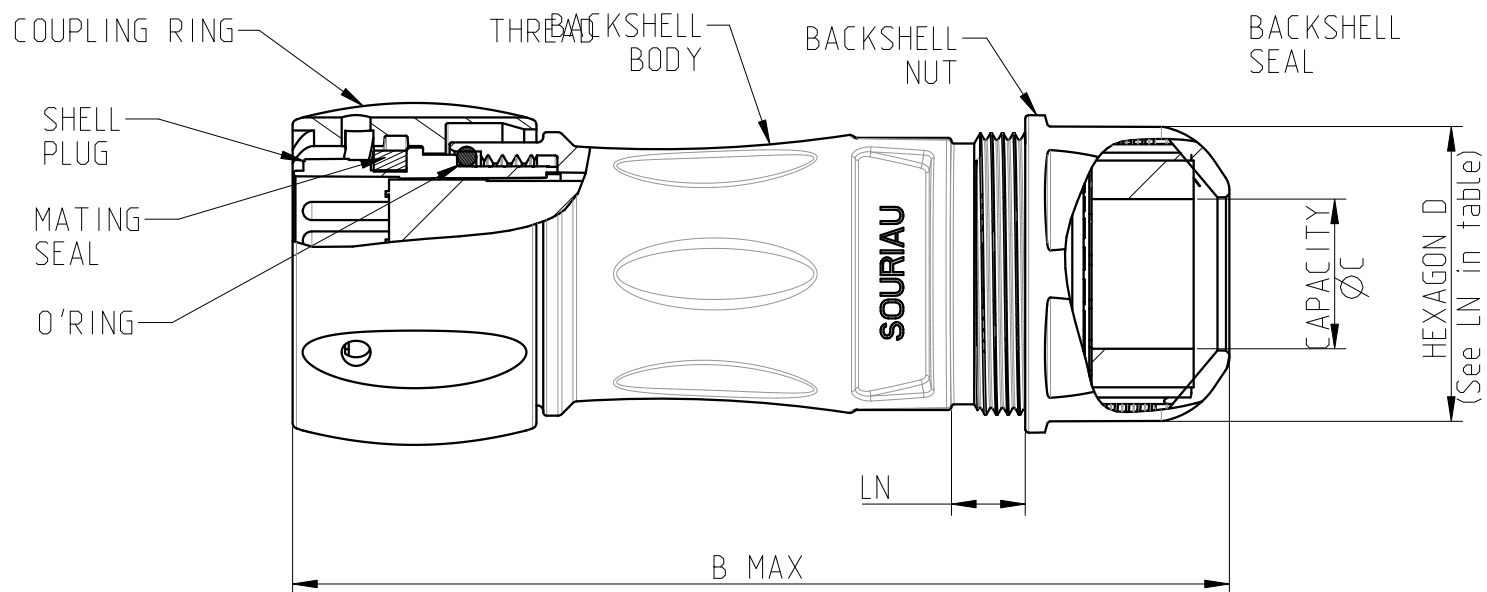
Sealing in MATED conditions with COUNTERPART:

- 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)

Sealing in MATED conditions with COUNTERPART 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)

COMMON QUOTES FOR ALL VERSION



MATERIAL :

- SHELL : Zinc alloy with zinc nickel plated
- COUPLING RING: Brass nickel plated
- BACKSHELLS : Zinc alloy with zinc nickel plated
- BACKSHELL Seal : CR
- INSERT (UTOX0-----) : PA UL94 V0, UL746C F1
- INSERT (UTOX0--E---) : Polychloroprene
- O'RING : NITRIL
- MATING SEAL : SILICON
- CONTACTS: brass + coated depending on P/N

PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C
Insulation resistance: 5000 MΩmin
Corrosion salt spray: 500 hours
Durability: 500 matings and unmatings
Sealing conditions: SEE TABLE
MS version :
EMI/RFI : SEE the curves in the catalog

NOTA:

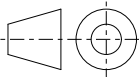

- 1- Contact to be ordered separately for version UTOX6----- : refer to corresponding catalogue.
- 2- Insert arrangement refer to:
UTX_LAYOUT (Standard Version)
UTX-HS_LAYOUT (HiSeal Version)
- 3- Plug and backshell are delivered as a kit.
- 4-UTOX6MS----- = Shielded version
UTOX6M----- = Unshielded version

Country	Jurisdiction & Control List
FR	NOT LISTED

SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

P/N : CROSS REF TABLE									
BASIC SERIES		UTOX	6	MS	14	E	19	P	* P/N for example
SHELL TYPE		6 Plug							
BACKSHELL		MS : shielded version M : unshielded version							
SHELL SIZE		10 12 14							
TYPE OF LAYOUT		Standard layout (No digit) E : HISEAL Handsolder contacts							
TYPE OF CONTACTS		Normal (no digit) W.X.Y.Z							
INSERT ARRANGEMENT		See NOTA 2							

SHELL SIZE	MAX	MAX		HEXAGON backshell nut		BACKSHELL BODY	MINI				THREAD CLASS 2A	±30% (g.)
	ØA	B	ØC	D	LN	Tightening torque (N.m)	E1	E2	E3	E4		MASS
10	23.5	79	5 / 7	18	For ØC = 5 --> 2.5 For ØC = 7 --> 3	6	41.5	46.5	49	47	9/16-24 UNEF	70
12	27	80.5	7 / 10	21	For ØC = 7 --> 2.5 For ØC = 10 --> 3	10	41	46.5	48.5	47	11/16-24 UNEF	95
14	30	82.5	10 / 13	26	For ØC = 10 --> 3.5 For ØC = 13 --> 4.5	10	45	50.5	52.5	51	13/16-20 UNEF	110

C	21/06/2024	<div>- EMI/RFI : SEE the curves in the catalogo</div> <div>- Change MINI ØC for size 10 (4 to 5)</div> <div>- backshell nut : Replacing the tightening torque with a distance LN</div>				25846AQ
ISS	DATE	Latest modification - by: J.GAMBIER				MOD N°
Designed by:		J.FEURPRIER		Date:09/06/20		CUSTOMER DRAWING
TITLE		PLUG T6 WITH BACKSHELL MS & M - SIZE 10 12 & 14, Standard and Hiseal version UTOX CONNECTOR				
Scale		Dimensions in mm General Linear Tolerances: ± 0.2		NPRDS / PROJECT BE195001		
3/2						
		www.souriau.com			This document is the property of SOURIAU It must not be reproduced or communicated without permission	
FORMAT	SOURIAU DRG N° UTOX-0005A-C				SHEET 1 / 1	