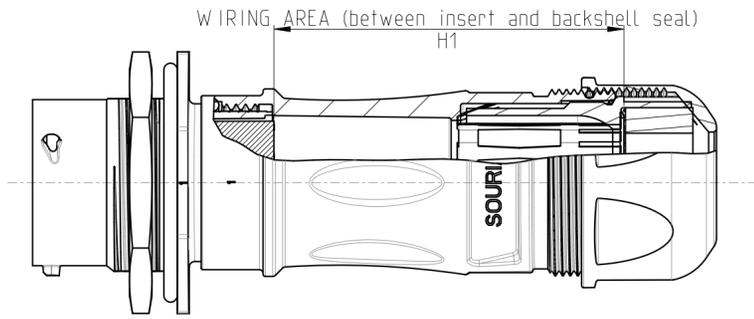


C-2: Validé

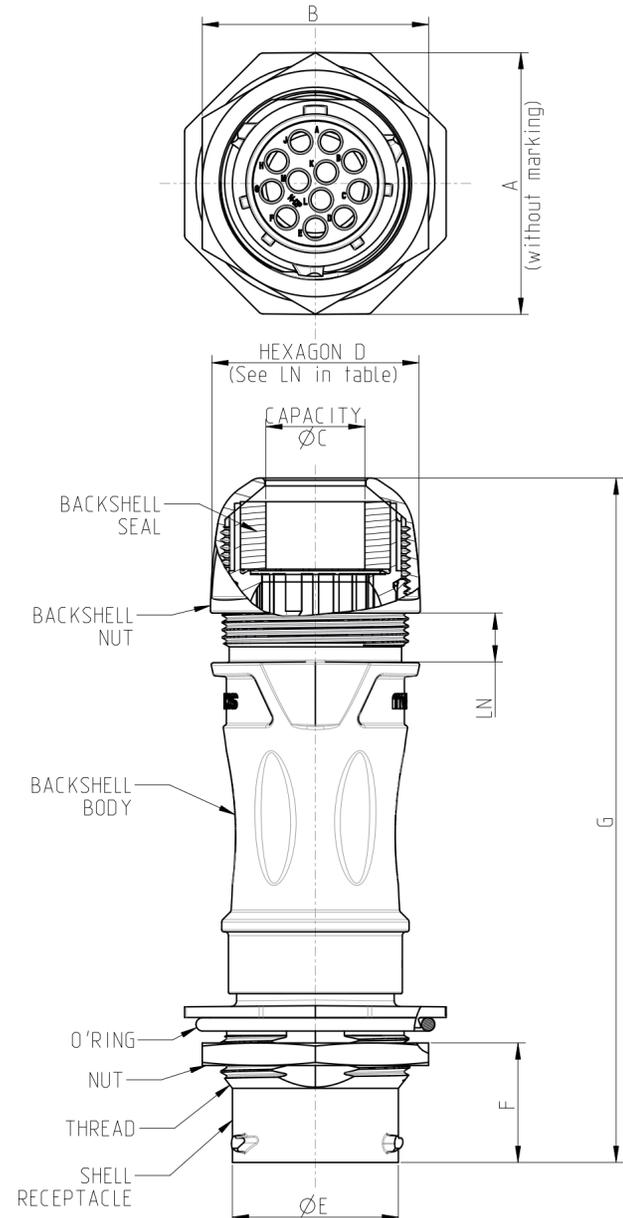
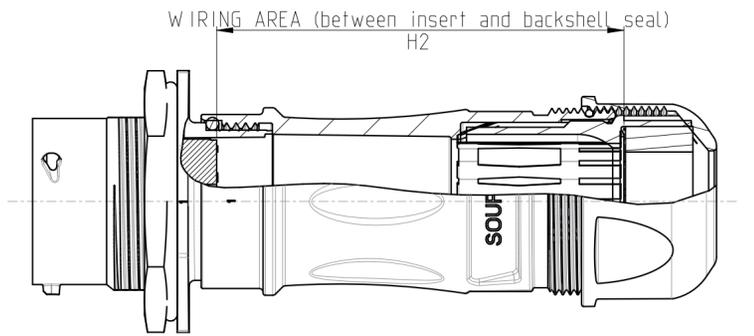
SIDE VIEW FOR EACH TYPE OF CONTACTS

COMMON QUOTES FOR ALL TYPE OF CONTACTS

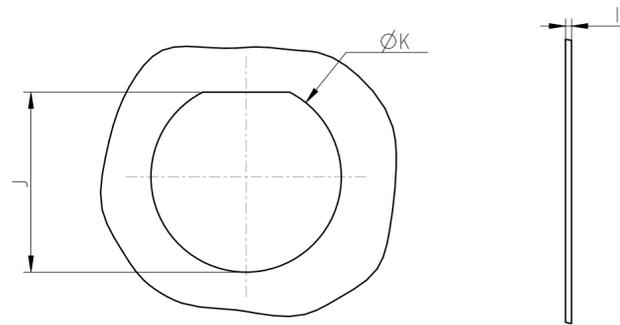
UTOX7MS-----P  
UTOX7M-----P



UTOX7MS-----S  
UTOX7M-----S



PANEL CUT-OUT and DRILLING  
PATTERN DEFINITION



**MATERIAL :**  
 - SHELL : Zinc alloy with zinc nickel plated  
 - BACKSHELLS : PA UL94 V0 F1 Black color  
 - BACKSHELL Seal : CR  
 - INSERT : PA UL94 V0, UL746C F1  
 - O'RING : NITRIL  
 - 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 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 equipment(DIN 40050)

**MS version :**  
 EMI/RFI : SEE the curves in the catalog

**NOTA:**  
 1- Contact to be ordered separately for version UTOX7----- : refer to corresponding catalogue.  
 2- Insert arrangement refer to:  
 UTX\_LAYOUT (Standard Version)  
 UTX-HS\_LAYOUT (HiSeal Version)  
 3- Receptacle and backshell are delivered as a kit.  
 4-UTOX7MS----- = Shielded version  
 UTOX7M----- = 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 7 MS 14 19 P -
SHELL TYPE	7 Jam nut receptacle
BACKSHELL	MS : shielded version M : unshielded version
SHELL SIZE	10 12 14
INSERT ARRANGEMENT	See NOTA 2
ORIENTATIONS	Normal (no digit) W.X.Y.Z
TYPE OF CONTACTS	P: MALE S: FEMALE

C 21/06/2024 - EMI/RFI : SEE the curves in the catalog  
 - Change MINI ØC for size 10 (4 to 5)  
 - Modification of dimensions : J, K and I  
 - backshell nut : Replacing the tightening torque with a distance LN  
 25846AQ  
 ISS DATE Latest modification - by: J.GAMBIER MOD N°

Designed by: J.FEURPRIER Date:20/07/20 CUSTOMER DRAWING

TITLE JAM NUT RECEPTACLE WITH BACKSHELL MS & M - SIZE 10 12 & 14  
 UTOX CONNECTOR

Scale 3/2 Dimensions in mm General Linear Tolerances: ± 0.2 NPRDS / PROJECT BE195001

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FORMAT A2 SOURIAU DRG N° UTOX-0008A-C SHEET 1 / 1

SHELL SIZE	±0.2	±0.4	CAPACITY ØC	HEXAGON backshell nut		BACKSHELL BODY Tightening torque (N.m)	±0.2	MAX	MAX	MINI	MIN/ MAX	±0.1	±0.15	±30% (g.)	
	A	B		D	LN		ØE					F	G	H1	H2
10	27.00	22.25	5 / 7	18	For ØC = 5 ---> 2.5 For ØC = 7 ---> 3	6	15.20		87.5	44	51.5		16.76	17.63	69
12	31.75	27.15	7 / 10	21	For ØC = 7 ---> 2.5 For ØC = 10 ---> 3	10	19.15	18.1	89	44	51.5	2/3.2	20.9	22.39	97
14	34.90	30.20	10 / 13	26	For ØC = 10 ---> 3.5 For ØC = 13 ---> 4.5	10	22.31		91	48	55.5		24.04	25.56	115