

SIDE VIEW FOR EACH VERSION

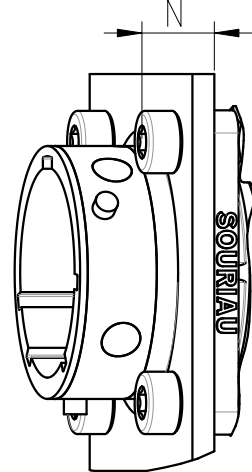
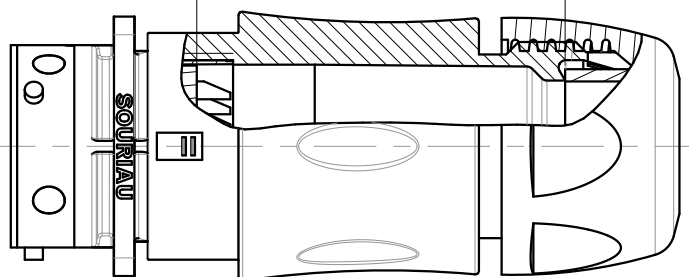
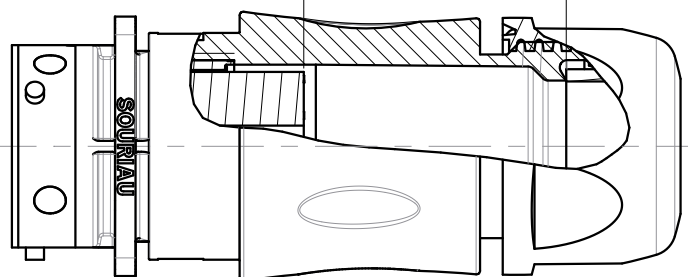
PANEL CUT OUT DEFINITION

UTGX0JC-----

UTGX0JC--E---

WIRING AREA (between insert and backshell seal

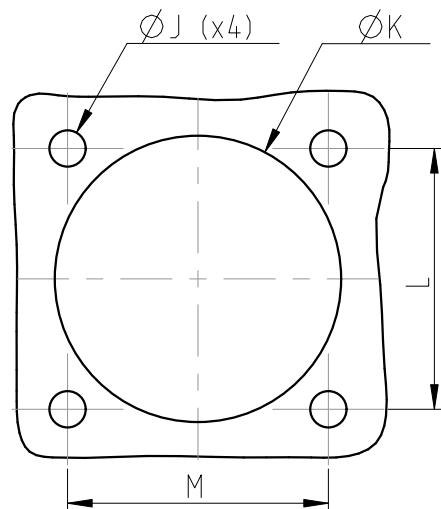
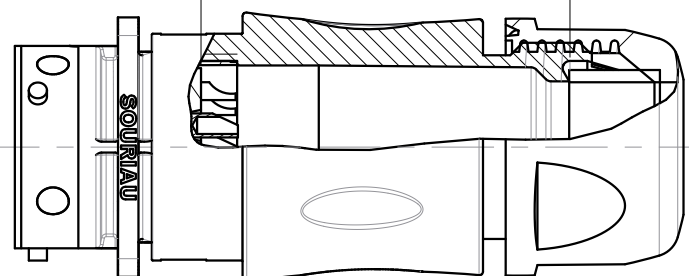
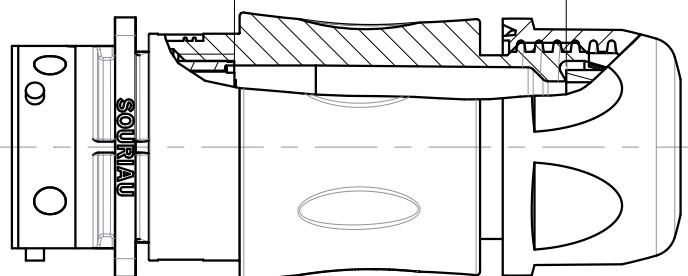
WIRING AREA (between insert and backshell seal



REAR mounting

WIRING AREA (between insert and backshell seal

WIRING AREA (between insert and backshell seal



PANEL CUT OUT DEFINITION

PANEL THICKNESS

SHELL SIZE	±0.1	REAR mounting	±0.15		MAX
	ØJ	ØK	L	M	N
10	3.2	17.9	18.3	18.3	2.8
12		22.3	20.6	20.6	
14		25.1	23.0	23.0	

SEALING CONDITIONS

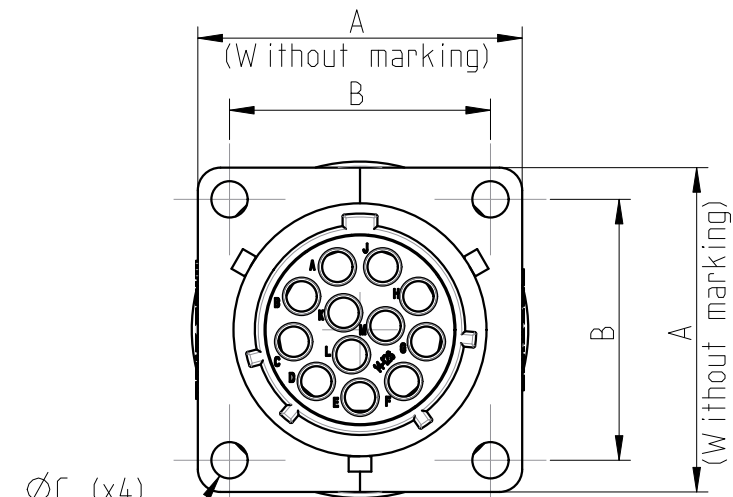
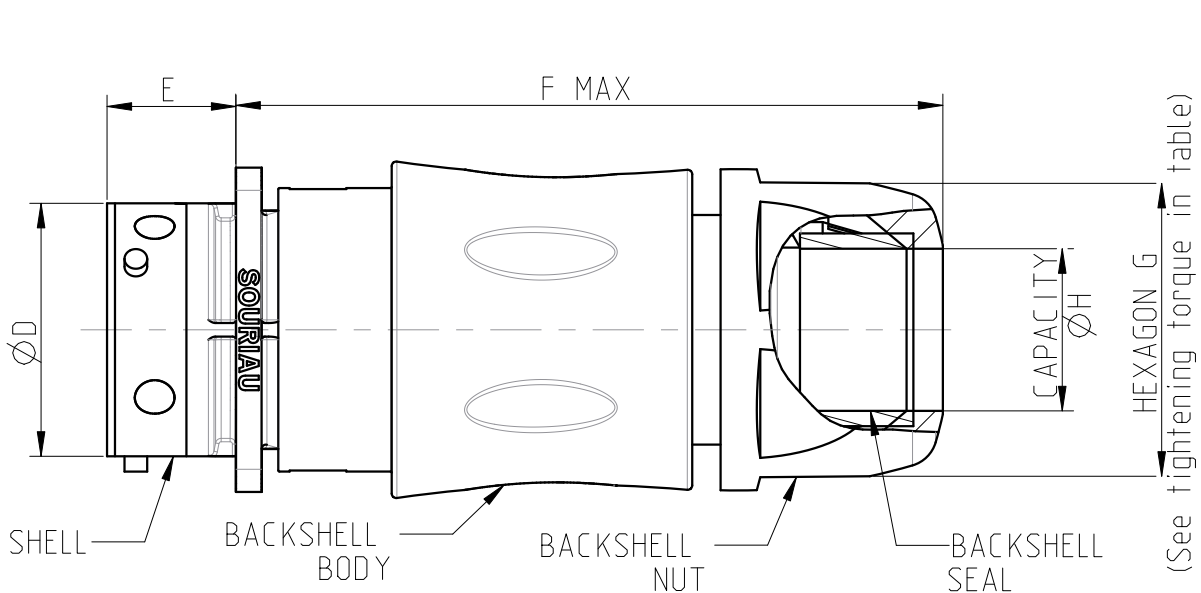
Sealing in MATED conditions with COUNTERPART:

- IP68 1 bar during 1 week: immersion under 10 m of water. (IEC 60529)
- IP69K : exposure to high pressure water of cleaning equipment(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 equipment(DIN 40050)

COMMON DIMENSIONS FOR ALL VERSION



SHELL SIZE	±0.4	±0.2	±0.1	±0.2	±0.2	MAX	HEXAGON backshell nut		STANDARD	REDUCING SEAL (NOTA.3)	MINI				±30% (g.)
	A	B	ØC	ØD	E	F	G	Tightening torque (N.m)	ØH		I1	I2	I3	I4	MASS
10	23.8	18.26	3.2	15.2	11.35	67	18.5	1	2.5 / 8	1.5 / 5	20.5	32	28	32	15
12	26.2	20.62		19.15		70	24	2	5 / 12	3 / 9	24	36	32	36	25
14	28.6	23.01		22.31		76	26	2.5	7 / 14	5 / 12	28	39.5	36	39.5	35

MATERIAL :

- SHELL : PA UL94 V0, UL746C F1 Black color
- 3 LOCKING PINS RING : Nickel plated Brass + stainless steel.
- BACKSHELLS : PA UL94 V0 F1 Black color
- BACKSHELL Seal : CR
- INSERT (UTGX0JC-----) : PA UL94 V0, UL746C F1 Black color
- INSERT (UTGX0JC--/E---) : Polychloroprene
- CONTACTS: brass + coated depending on P/N

PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C
Insulation resistance: 5000 MΩmin under 500V
Corrosion salt spray: 500 hours
Durability: 500 matings and unmatings
Sealing conditions: SEE TABLE

NOTA:

- 1- Contact to be ordered separately for version UTGX0JC----- : refer to corresponding catalogue.
- 2- Insert arrangement refer to:
 - UTO-CONTACT-L-C02 (Female insulator)
 - UTO-DHP-003-C01 (Female insulator #20)
 - UTO-DHP-002-C01 (Female insulator #16)
 - UTO-CONTACT-L-C01 (Male insulator)
 - UTO-DHP-003-C01 (Male insulator #20)
 - UTO-DHP-001-C01 (Male insulator #16)
 - C144-UTS1-A (HiSeal 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	UTGX 0 JC 14 E 19 P	* P/N for example
SHELL TYPE	0 Square flange receptacle	
BACKSHELL	JC	Normal (no digit) W.X.Y.Z
SHELL SIZE	10 12 14	TYPE OF CONTACTS P: MALE S: FEMALE
TYPE OF LAYOUT	Standard Layout (No digit) E : HISEAL Handsolder contacts	INSERT ARRANGEMENT See NOTA 2

A	22/09/2020	-New drawing --	
ISS	DATE	Latest modification - by: --	MOD N°
Designed by: J.FEURPRIER Date:22/09/2020		CUSTOMER DRAWING	
TITLE		SQUARE FLANGE RECEPTACLE WITH BACKSHELL - SIZE 10 12 14 - Std and Hiseal version UTGX CONNECTOR	
Scale	3/2	Dimensions in mm General Linear Tolerances: ±0.2	NPRDS / PROJECT GBB
SOURIAU Connection Technologies		www.souriau.com	This document is the property of SOURIAU It must not be reproduced or communicated without permission
FORMAT	A2	SOURIAU DRG N° UTGX-0011A-C	
			SHEET 1 / 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Souriau:

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[UTGX0JC148P](#) [UTGX0JC148S](#) [UTGX0JC1492P](#) [UTGX0JC1492S](#) [UTGX0JC1419P](#) [UTGX0JC1419S](#)
[UTGX0JC142G1P](#) [UTGX0JC142G1S](#) [UTGX0JC147P](#) [UTGX0JC147S](#) [UTGX0JC124P](#) [UTGX0JC124S](#)
[UTGX0JC128P](#) [UTGX0JC128S](#) [UTGX0JC1412P](#) [UTGX0JC1412S](#) [UTGX0JC104P](#) [UTGX0JC104S](#) [UTGX0JC106P](#)
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[UTGX0JC106SW](#) [UTGX0JC10E6P](#) [UTGX0JC10E6S](#) [UTGX0JC1210PW](#) [UTGX0JC1210PX](#) [UTGX0JC1210PY](#)
[UTGX0JC1210PZ](#) [UTGX0JC1210SW](#) [UTGX0JC1210SX](#) [UTGX0JC1210SY](#) [UTGX0JC1210SZ](#) [UTGX0JC128PW](#)
[UTGX0JC128SW](#) [UTGX0JC1412PW](#) [UTGX0JC1412SW](#) [UTGX0JC1419PW](#) [UTGX0JC1419PX](#) [UTGX0JC1419PY](#)
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