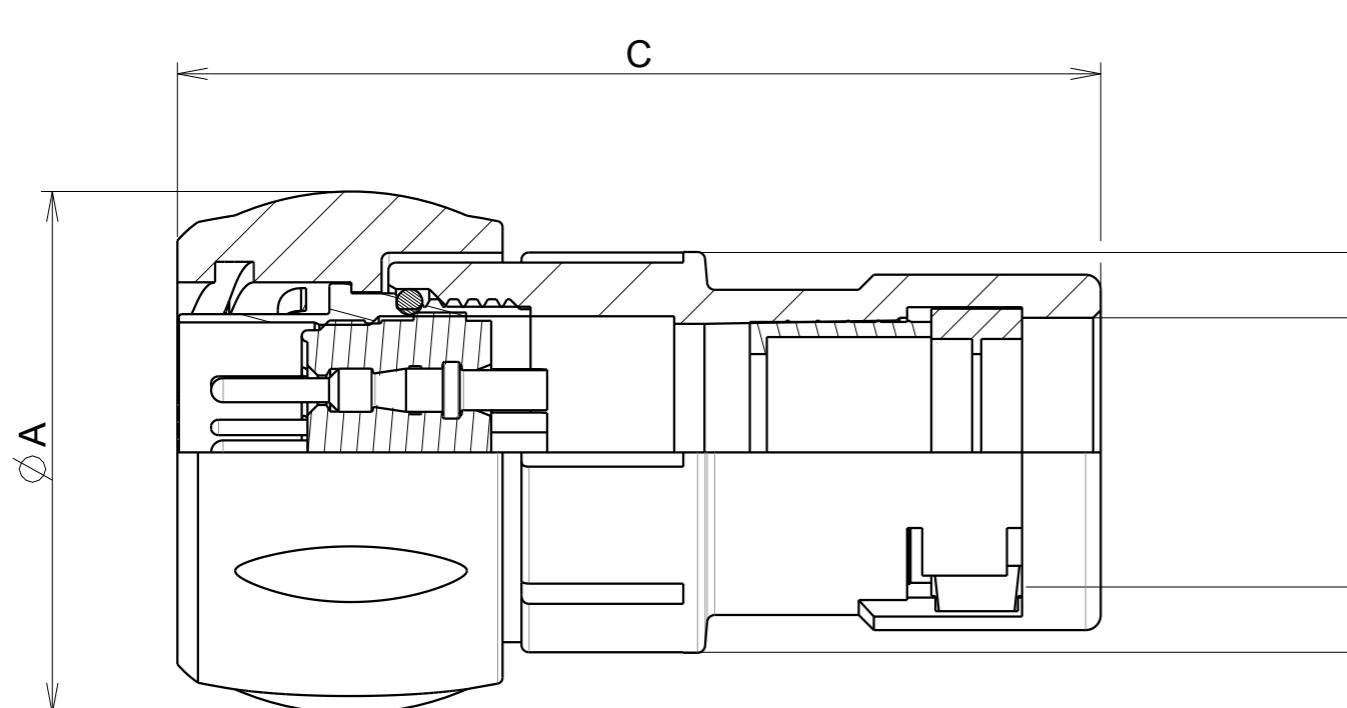
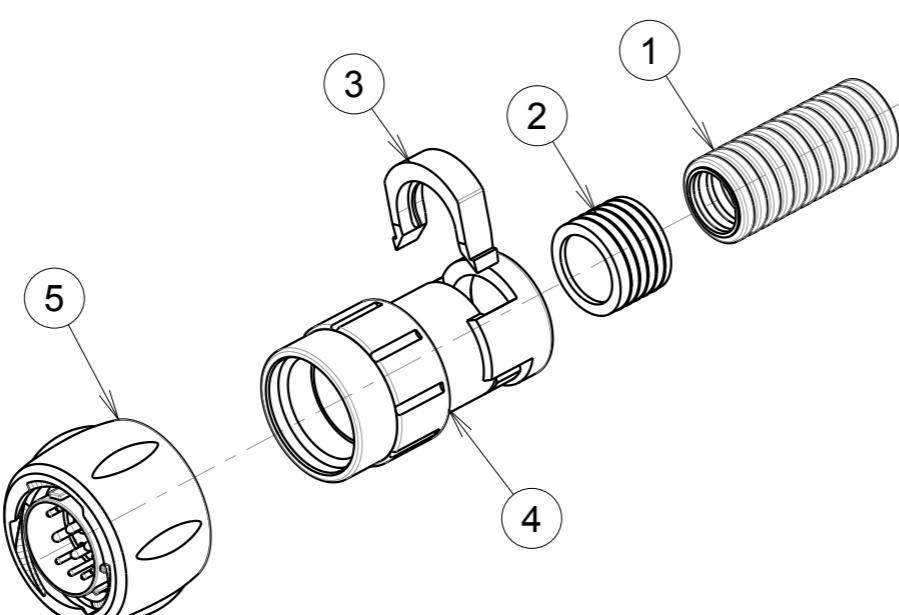


H G F E D C B A



ASSEMBLED VIEW

P/N	CONNECTOR SIZE	FLEX SIZE CONDUIT (see note 4)	ϕ A Maxi	ϕ B ± 0.3	C ± 0.6
UTS6FC12EXXP/S	12	NW12	30.1	24	61
UTS6FC14EXXP/S	14	NW12	35.1	26.5	61



MATERIAL :

- ① Flexible conduit
- ② Seal : Elastomer
- ③ Retaining clip : Polyamide
- ④ Backshell body : Polyamide
- ⑤ Coupling Nut : Polyamide

Insert : Polychloroprene
Shell : Polyamide
Coupling spring : Stainless steel
O'seal : Nbr
Contact : brass + gold plated

NOTES :

- 1-Insert arrangements refer to BT297
see drawing for information :C144-UTS1-A
- 2-Delivered as a kit in a plastic bag (individual):
with parts 2, 3, 4 and 5
- 3-Flexible conduit not sold by SOURIAU
- 4-Recommended flexible conduit range: PMAFLEX
- 5-For assembly instruction, see BT297

PERFORMANCE CHARACTERISTICS :

Operating temperature: -40°C up to 105°C

Corrosion salt spray: 500 hours

Sealing in assembly conditions: (with an UTS connector)

-IP68 compliant ; 1 bars/30 min

-IP69K as per DIN40050

Insulation resistance: 5000 M min

Test potential : 2000Vrms for #16 layout and 1500Vrms for #20 layout

Durability: 250 matings and unmatings

UTS6 | FC | 14 | E | 12 | P |

Plug UTS

Backshell FC type

Shell size

E: Hansolder contact

Insert arrangement

P = Male contact

S = Female contact

Orientations

Normal (no digit), W, X, Y, Z = different orientations

Country	Jurisdiction & Control List
FR	NOT LISTED

P/N : UTS6FC**E**P/S

C	29/11/2017	Update notes	22523D
ISS	DATE	Latest modification - by:	COURTOIS L.
Designed by: J. FEURPRIER		Date: 02/04/2017	CUSTOMER DRAWING
TITLE		ASSEMBLY BACKSHELL AND UTS PLUG CONNECTOR	
UTS HI SEAL CONNECTOR		NPRDS / PROJECT IC124509A	
Scale 1/2		General linear Tolerances: ± 0.2	This document is the property of SOURIAU It must not be reproduced or communicated without permission
SOURIAU		WWW.SOURIAU.COM	
FORMAT A3	SOURIAU DRG N° C216-UTS1-A		SHEET 1 / 1

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(professional recommendation, technical notice.)

H G F E D C B A