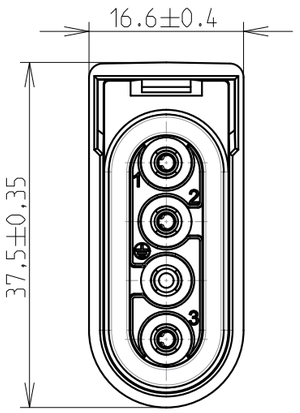
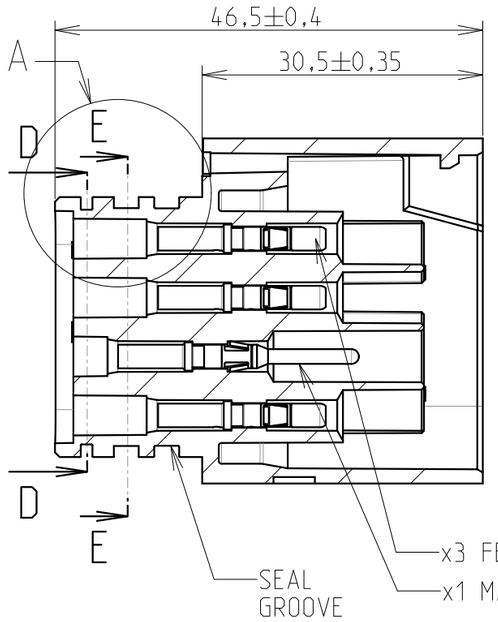
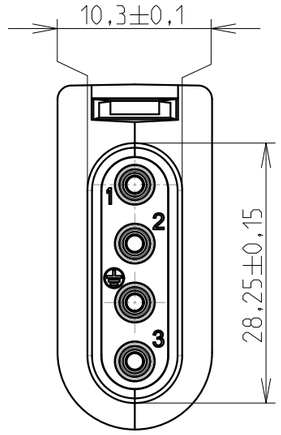
C; Reviewed

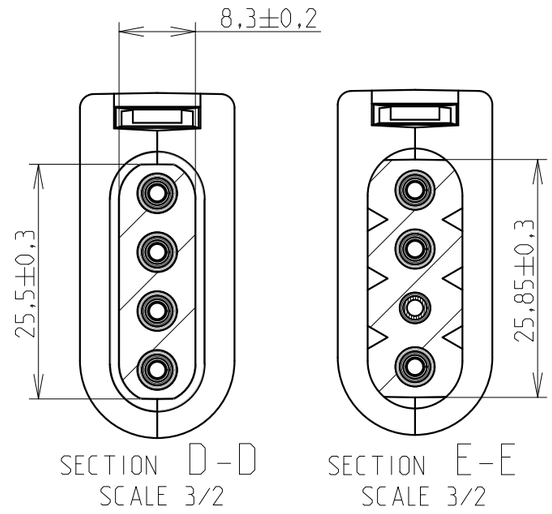
MATING FACE





WIRING FACE

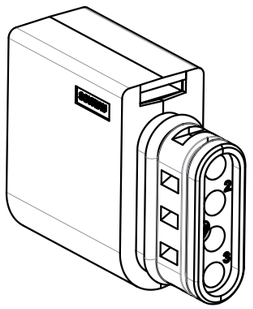


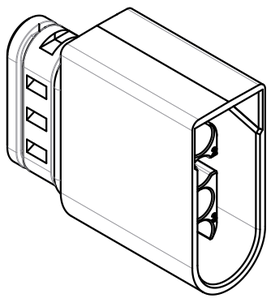


SECTION D-D
SCALE 3/2

SECTION E-E
SCALE 3/2

DETAIL A
SCALE 3/1





NOTES

MASS ± 5%	16.1 g

MATERIALS
- HOUSING: POLYAMID GLASS FIBER REINFORCED, BLACK COLOR

PERFORMANCES CHARACTERISTICS

MECHANICAL

TEMPERATURE CLASS	IEC61984	-40°C TO 105°C
DURABILITY	IEC61984	500 MATE / UNMATE CYCLES (CONNECTORS ONLY)
SEALING IN MATED CONDITIONS	IEC60529	IP67
	DIN40050	IP69K
OPEN FACE SEALING	IEC60529	IP67 WITH R*M25* CONTACTS
POLLUTION DEGREE	IEC61984	4
CORROSION SALT SPRAY		MIN 1000H
FLAMMABILITY	UL94	V0 - MATERIAL RATING 5VA
OUTDOOR SUITABILITY (UV RESIST)	UL746C	MATERIAL RATING: (f1)
SCOOP PROOF		

ELECTRICAL

TOUCH PROOF	IEC60529	IP2X

Specification	Type	Voltage	Wire range, Stranded Copper	Rated Current, A
UL1977	COC	600Vac ou Vdc	14 AWG	16
			16 AWG	13
	CBC	277 Vac	14 AWG	13
			17 AWG	8.6
IEC61984	COC	500	2.5mm²	16
			1.5mm²	13
	CBC	250	2.5mm²	13
			1.5mm²	13

ROHS COMPLIANT

CERTIFICATION :
- ECBT2 / EBCT8 CATEGORY BASED ON UL1977 AND C22.2 No. 128.3 STANDARDS
- CB CERTIFICATE BASED ON IEC61984 STANDARD

1. COUNTERPART : UTLR_103G1P_
2. CONNECTORS ARE DELIVERED AS PRE-ASSEMBLED KIT
3. CONTACT TO BE ORDERED SEPARATELY, PLEASE REFER TO UTL CATALOG
4. FOR PACKAGING, SEE FOLIO 3
5. WARNING: PHASE CONTACTS ARE FEMALE VERSION AND GROUND CONTACT IS MALE VERSION
6. UNIT IN MM

Country	Jurisdiction & Control List
FR	NOT LISTED

P/N : SEE TABLE ON FOLIO 2

C	24/06/2026	SEALING IN MATED CONDITIONS: IP68 becomes IP67	26249M
ISS	DATE	Latest modification - by: GUIBERT B.	MOD N°

Designed by: GUIBERT B. Date: 22/03/22 — CUSTOMER DRAWING

TITLE: RECTANGULAR 103G1 RECEPTACLE
UTL CONNECTOR

Scale 2/1		General linear Tolerances: ± 0.2	NPRDS / PROJECT BE214901A

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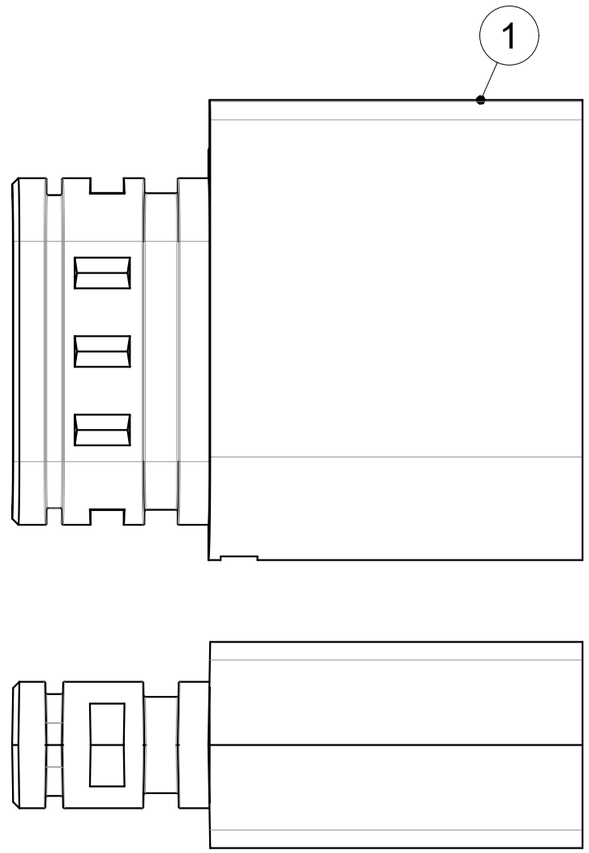
FORMAT A3	SOURIAU DRG N° UTL1-0139A-C	SHEET 1 / 2

	P/N
For overmolding delivered without seal	UTLR1103G1S

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.)

C; Reviewed

EXAMPLE OF AN OVERMOLDING SOLUTION
USING UTLR1103G1S PART NUMBER



UTLR1103G1S

UTLR1103G1SB

	Packaging	Individual	x100 in carboard box
2	Seal	/	/
1	Receptacle body	x1	
Rep	Designation	Quantity	

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.)

C	24/06/2026	SEALING IN MATED CONDITIONS: IP68 becomes IP67	26249M
ISS	DATE	Latest modification - by: B.GUIBERT	MOD N°

Designed by: GUIBERT B. Date: 22/03/22 — CUSTOMER DRAWING

TITLE: RECTANGULAR 103G1 RECEPTACLE
UTL CONNECTOR

Scale 2/1 — Dimensions in mm General linear Tolerances: ± 0.2 — NPRDS / PROJECT BE214901A

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FORMAT A3 — SOURIAU DRG N° UTL1-0139A-C — SHEET 2 / 2