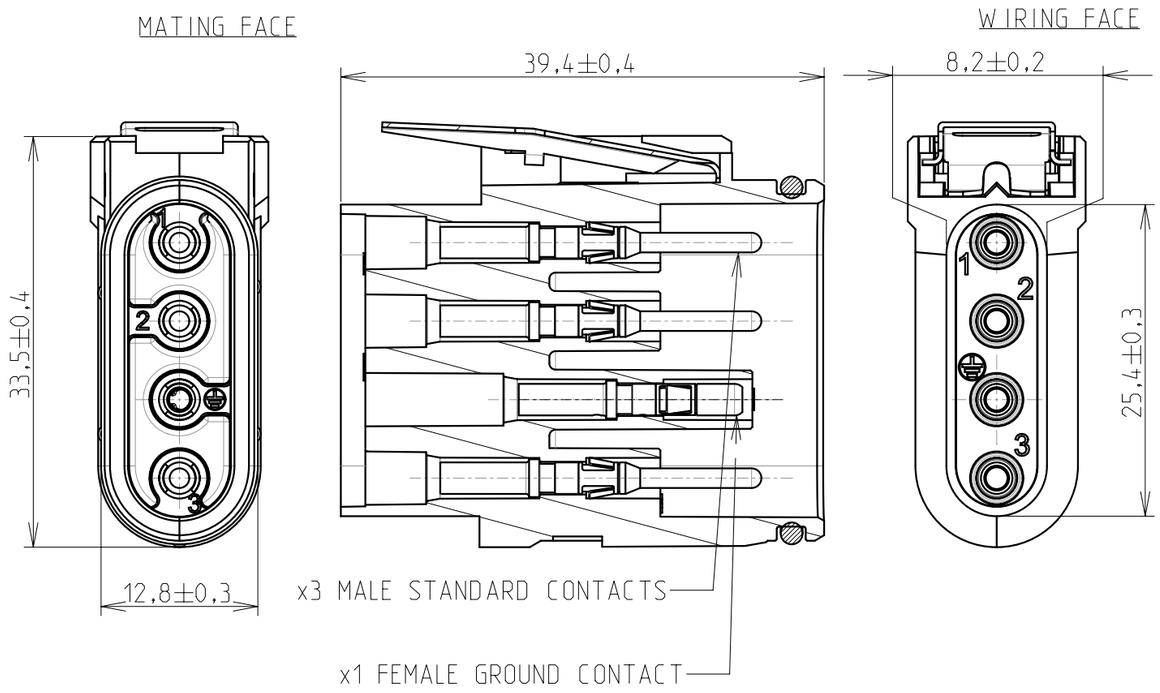
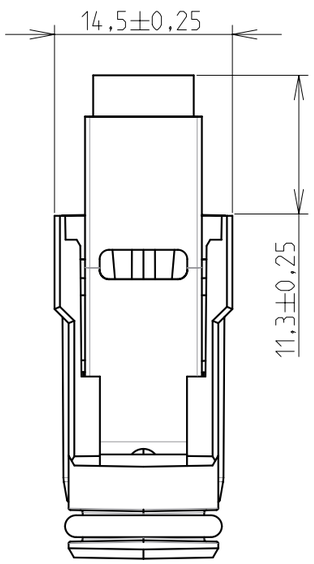
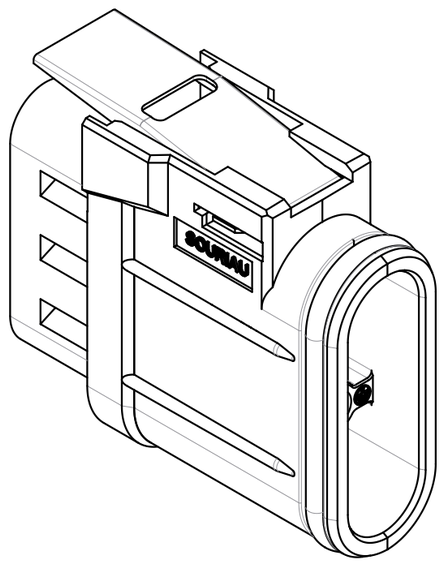
D; Reviewed







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.)

MASS ± 5%	10.9 g

NOTES

MATERIALS
- HOUSING: POLYAMID GLASS FIBER REINFORCED, BLACK COLOR
- COUPLING LATCH: STAINLESS STEEL
- O'RING: LUBRICATED SILICON, RED 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_103G1S_
2. CONNECTORS ARE DELIVERED AS PRE-ASSEMBLED KIT, SEE FOLIO 2
3. CONTACT TO BE ORDERED SEPARATELY, PLEASE REFER TO UTL CATALOG
4. WARNING: PHASE CONTACTS ARE MALE VERSION AND GROUND CONTACT IS FEMALE VERSION
5. UNIT IN MM
6. FOR PACKAGING, SEE FOLIO 2

P/N : SEE TABLE ON FOLIO 2

ISS	DATE		MOD N°
D	24/06/2024	SEALING IN MATED CONDITIONS: IP68 becomes IP67	26249M
		Latest modification - by: B.GUIBERT	

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

TITLE: RECTANGULAR 103G1 RECEPTACLE
UTL CONNECTOR

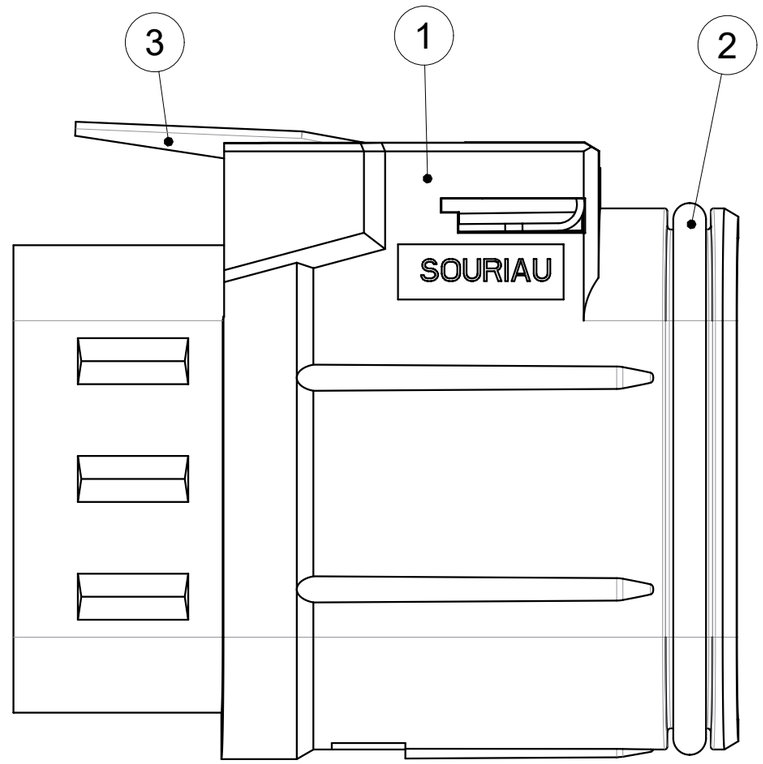
Scale 2/1 — Dimensions in mm General linear Tolerances: ± 0.2 — NPRDS / PROJECT BE214901A

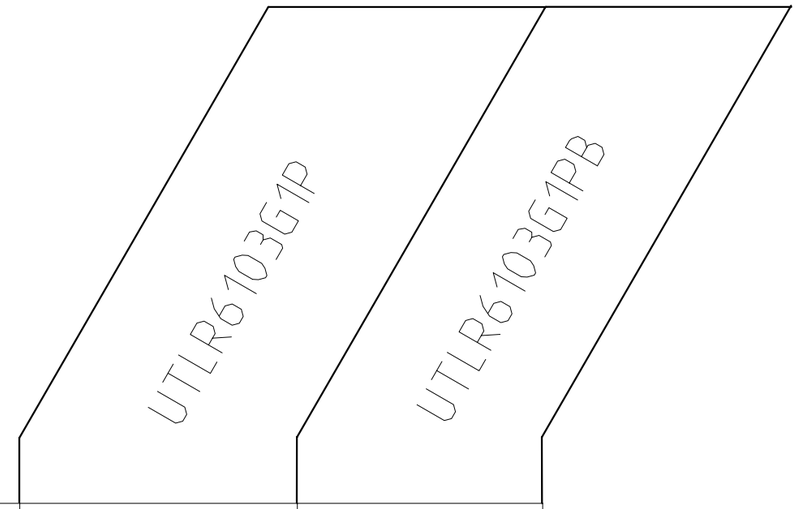
EATON Powering Business Worldwide — www.esterline-connection-technologies.com

This document is the property of SOURIAU
It must not be reproduced or communicated without permission

FORMAT A3 — SOURIAU DRG N° UTL1-0140A-C — SHEET 1 / 2

D; Reviewed





	Packaging	Individual	x100 in carboard box
3	Latch	x1	
2	Seal	x1 greased and mounted	
1	Plug 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.)

P/N : SEE TABLE

D	24/06/2024	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

EATON Powering Business Worldwide | www.esterline-connection-technologies.com

This document is the property of SOURIAU
It must not be reproduced or communicated without permission

FORMAT A3 | SOURIAU DRG N° UTL1-0140A-C | SHEET 2 / 2