

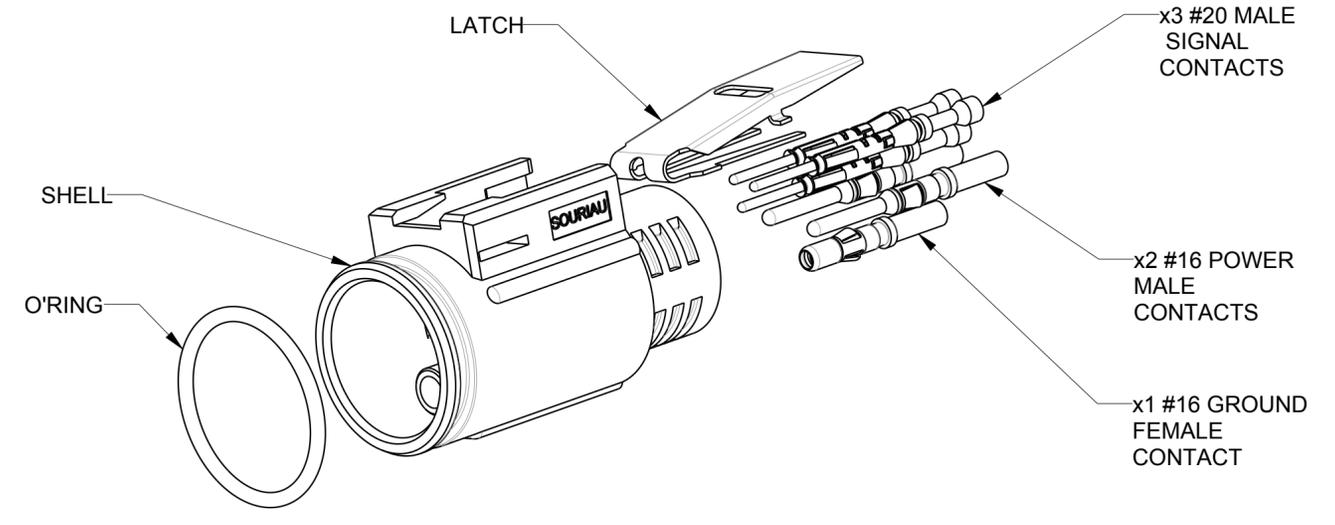
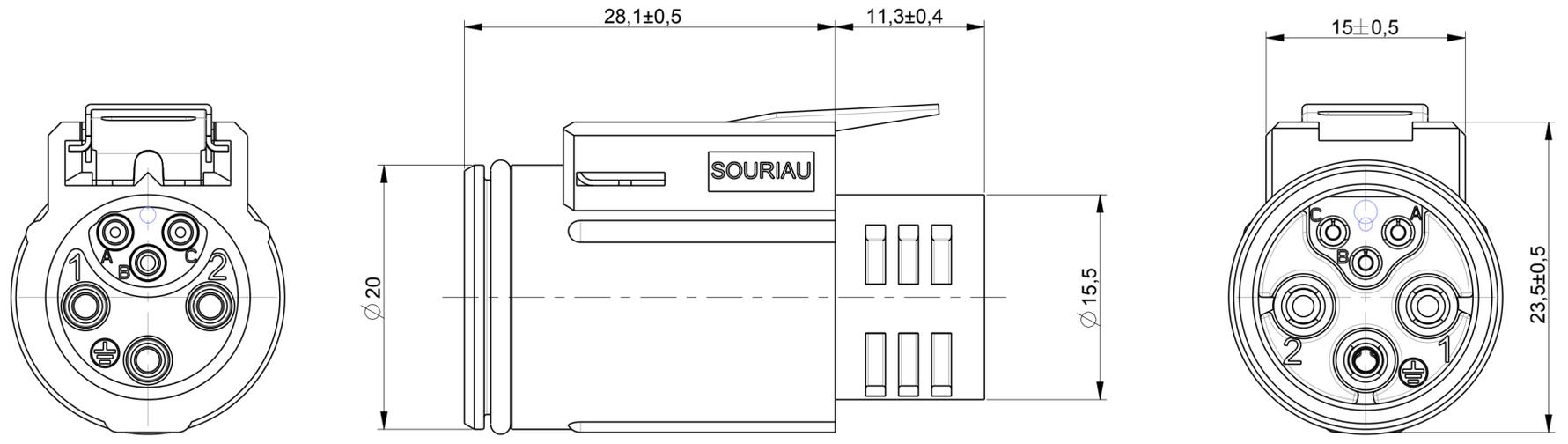
**NOTES**

<b>MATERIALS</b>	SEE TABLE	
SHELL	STAINLESS STEEL	
COUPLING LATCH	LUBRICATED RED SILICON	
O'RING		
<b>PERFORMANCES CHARACTERISTICS</b>		
<b>MECHANICAL</b>		
TEMPERATURE CLASS	IEC61984/UL1977	-40°C TO 105°C
DURABILITY	IEC61984	500 MATE / UNMATE CYCLES
SEALING IN MATED CONDITIONS	IEC60529	IP68 1BAR DURING 1WEEK
	DIN40050	IP69K
SEALING IN UNMATED CONDITIONS	IEC60529	IP67 WITH CAPS
POLLUTION DEGREE	IEC61984	4
CORROSION SALT SPRAY		MIN 1000H
FLAMMABILITY	UL94	MATERIAL RATING: 5VA
OUTDOOR SUITABILITY (UV RESIST)	UL746C	MATERIAL RATING: (f1)
SCOOP PROOF		
<b>ELECTRICAL</b>		
TOUCH PROOF	IEC60529	IP2X
<b>POWER AND GROUND LINES:</b>		
NOMINAL CURRENT	UL1977	16A WITH AWG14 WIRE / 13A WITH AWG16 WIRE
NOMINAL CURRENT	IEC61984	16A WITH 2.5MM² WIRE / 13A WITH 1.5MM² WIRE AT 60°C
NOMINAL VOLTAGE	UL1977	600V
NOMINAL VOLTAGE	IEC61984	250VAC 4KV 4 FOR CLASS II
	IEC61984	500VAC 6KV 4 FOR CLASS I
<b>SIGNAL CONTAC (a,b,c) LINES:</b>		
NOMINAL VOLTAGE	IEC61984	48V AC
NOMINAL CURRENT	IEC61984	5A

- ROHS COMPLIANT**
- COUNTERPART REFERENCE UTL RECEPTACLE OR FREE HANGING
  - CONNECTORS ARE DELIVERED AS PRE-ASSEMBLED KIT
  - CONNECTOR BLOCKS ACCEPTS TRIM TRIO CONTACTS #16 AND #20 , R\*M\* OR S\*M\* TYPES
  - CONTACTS TO BE ORDERED SEPARATELY.
  - WARNING: PHASE AND SIGNAL CONTACTS ARE MALE VERSION AND GROUND CONTACT IS FEMALE VERSION
  - UNIT IN MM

**WIRING FACE**

**MATING FACE**



P/N	SHELL' S MATERIAL
UTL6102G1W3P	PA GF REINFORCED BLACK COLOR
UTL6102G1W3P03	PA GF REINFORCED LIGHT GREY COLOR

P/N : SEE TABLE

<b>B</b>	06/03/2015	—	Clearances dimensions modification	23869
ISS	DATE	Latest modification - by: COUTY L.		MOD N°
Designed by: RAGAINÉ M.		Date:18/07/2013		<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	MALE PLUG LAYOUT 6 CONTACTS SIZE 10 UTL CONNECTOR			
Scale	1/1	General linear Tolerances: ± 0,2	<b>NPRDS / PROJECT UTL</b>	
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FORMAT	<b>SOURIAU DRG N° UTL1-0049A-C01</b>			SHEET 1/1