

c : 1 : RL

WIRING FACE

MATING FACE

NOTES

MATERIALS  
SHELL  
O'RING

SEE TABLE  
NBR

PERFORMANCES CHARACTERISTICS

|                                 |                 |                           |
|---------------------------------|-----------------|---------------------------|
| MECHANICAL                      |                 |                           |
| 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            |
| OPEN FACE SEALING               | IEC60529        | IP67 WITH R*M25* CONTACTS |
| POLLUTION DEGREE                | IEC61984        | 4                         |
| CORROSION SALT SPRAY            |                 | MIN 1000H                 |
| FLAMMABILITY                    | UL94            | MATERIAL RATING: 5VA      |
| OUTDOOR SUITABILITY (UV RESIST) | UL746C          | MATERIAL RATING: (f1)     |
| SCOOP PROOF                     |                 |                           |

|                             |          |                                                     |
|-----------------------------|----------|-----------------------------------------------------|
| ELECTRICAL                  |          |                                                     |
| TOUCH PROOF                 | IEC60529 | IP2X                                                |
| NOMINAL CURRENT             | UL1977   | 16A WITH AWG14 WIRE / 13A WITH AWG16 WIRE           |
|                             |          | 16A WITH 2.5MM² WIRE / 13A WITH 1.5MM² WIRE AT 60°C |
| NOMINAL CURRENT             | IEC61984 |                                                     |
| NOMINAL VOLTAGE             | UL1977   | 600V                                                |
| NOMINAL VOLTAGE             | IEC61984 | 250VAC 4KV 4 FOR CLASS II                           |
|                             | IEC61984 | 500VAC 6KV 4 FOR CLASS I                            |
| CONNECTOR BREAKING CAPACITY | UL1977   | 277V 13A WITH AWG14/16 WIRES                        |
|                             | IEC61984 | 250VAC 13A 4KV 4                                    |

ROHS COMPLIANT

1. COUNTERPART REFERENCE UTL PLUG
2. CONNECTORS ARE DELIVERED AS PRE-ASSEMBLED KIT
3. CONNECTOR BLOCKS ACCEPTS TRIM TRIO CONTACTS #16, R\*M\* OR S\*M\* TYPES
4. CONTACTS TO BE ORDERED SEPARATELY.
5. WARNING: PHASE CONTACTS ARE MALE VERSION AND GROUND CONTACT IS FEMALE VERSION
6. UNIT IN MM

ECHELLE 3/1

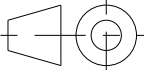
PANEL CUT OUT

ECHELLE 2/1

ECHELLE 3/2

| P/N          | SHELL' S MATERIAL                             |
|--------------|-----------------------------------------------|
| UTL0103G1P   | POLYAMID GLASS REINFORCED<br>BLACK COLOR      |
| UTL0103G1P03 | POLYAMID GLASS REINFORCED<br>LIGHT GREY COLOR |

P/N : SEE TABLE

|                                                                                       |                                                                                       |                                                            |                                        |                                                                                                                |        |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------|--------|
|                                                                                       |                                                                                       | Change part number customer drawing                        |                                        |                                                                                                                |        |
| C                                                                                     | 19/11/12                                                                              | UTS2-0005A-C01 by UTL1-0005A-C01                           |                                        |                                                                                                                | 22725  |
| ISS                                                                                   | DATE                                                                                  | Latest modification - by:                                  |                                        | RIOUX.B                                                                                                        | MOD N° |
| Designed by:                                                                          |                                                                                       | RAGAINÉ M.                                                 | Date:18/04/12                          | CUSTOMER DRAWING                                                                                               |        |
| TITLE                                                                                 |                                                                                       | MALE SQUARE FLANGE RECEPTACLE LAYOUT 4CTS<br>UTL CONNECTOR |                                        |                                                                                                                |        |
| Scale                                                                                 |  |                                                            | General linear<br>Tolerances:<br>± 0,3 | NPRDS / PROJECT<br>UTL                                                                                         |        |
| 1/1                                                                                   |                                                                                       |                                                            |                                        |                                                                                                                |        |
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| FORMAT                                                                                | SOURIAU DRG N°<br>UTL1-0005A-C01                                                      |                                                            |                                        | SHEET                                                                                                          |        |
| A2                                                                                    |                                                                                       |                                                            |                                        | 1 / 1                                                                                                          |        |
| NOT EXPORT CONTROLLED                                                                 |                                                                                       |                                                            |                                        |                                                                                                                |        |

NOT EXPORT CONTROLLED