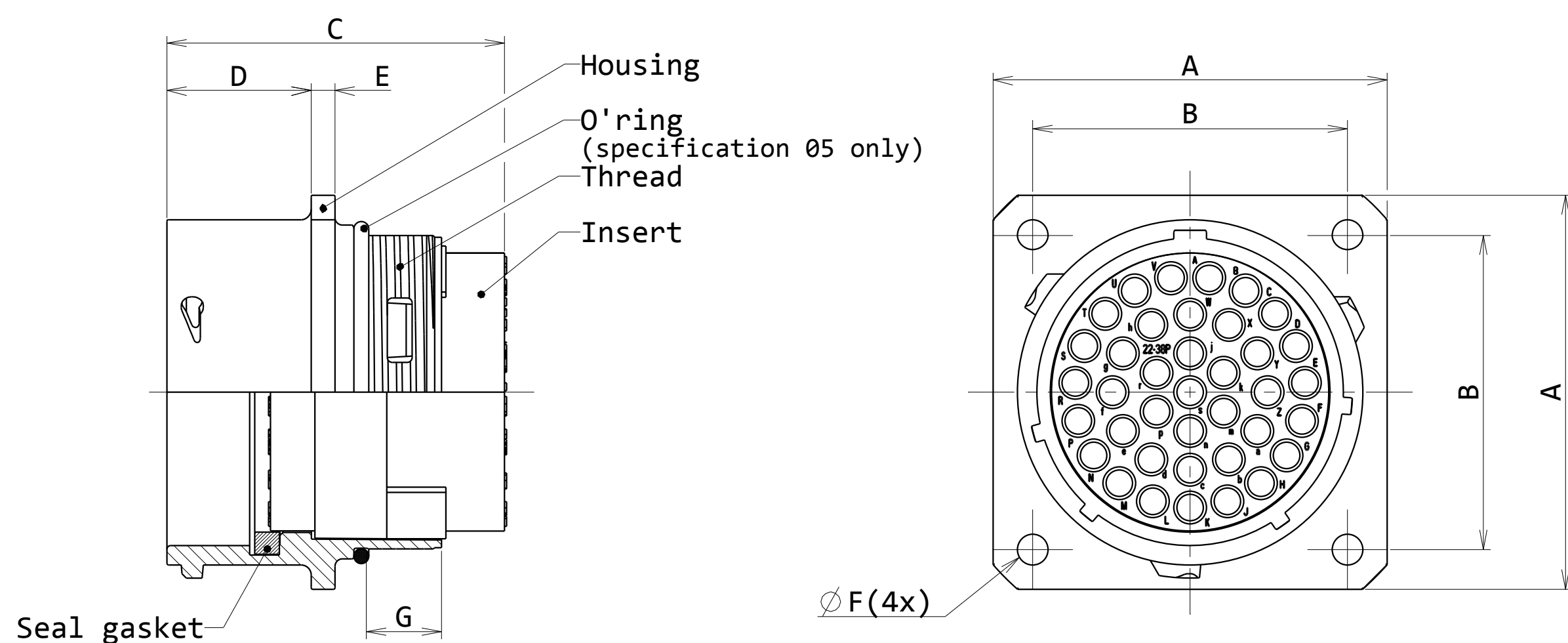
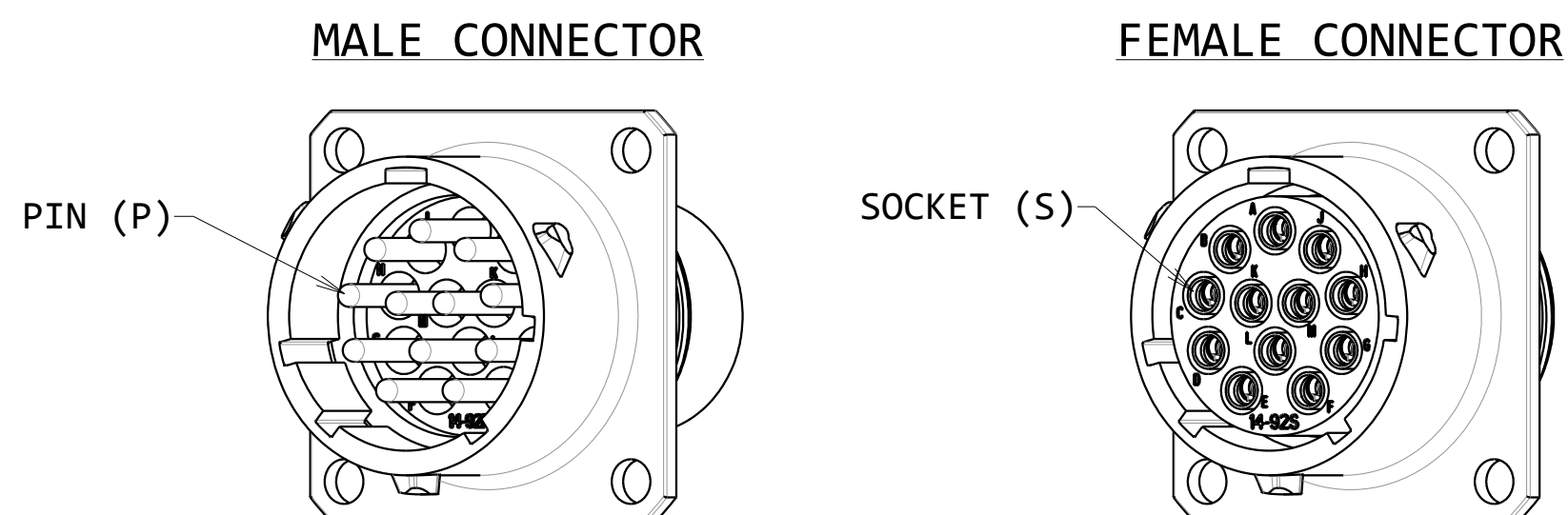




| Part Number<br>(Note 8) | Thread<br>(for information) | A ±0.3 | B ±0.2 | C Max |        | D ±0.2 | E ±0.35 | F ±0.15 | G ±0.2 |
|-------------------------|-----------------------------|--------|--------|-------|--------|--------|---------|---------|--------|
|                         |                             |        |        | Male  | Female |        |         |         |        |
| UT00102W2--H-           | 9/16-24<br>UNEF Class 2A    | 23.85  | 18.26  | 33.20 | 31.50  | 11.35  | 1.60    | 3.10    | 7.50   |
| UT00103W3--H-           |                             |        |        |       |        |        |         |         |        |
| UT00103--H-             |                             |        |        |       |        |        |         |         |        |
| UT00104--H-             |                             |        |        |       |        |        |         |         |        |
| UT001044--H-            |                             |        |        |       |        |        |         |         |        |
| UT00124--H-             | 11/16-24<br>UNEF Class 2A   | 26.20  | 20.62  |       |        |        |         |         |        |
| UT00128--H-             |                             |        |        |       |        |        |         |         |        |
| UT00142G1--H-           | 13/16-20<br>UNEF Class 2A   | 28.60  | 23.01  | 36.00 | 32.50  |        |         |         |        |
| UT00147--H-             |                             |        |        | 33.20 | 25.50  |        |         |         |        |
| UT00148--H-             |                             |        |        |       | 31.50  |        |         |         |        |
| UT001412--H-            |                             |        |        |       | 25.50  |        |         |         |        |
| UT001492--H-            |                             |        |        |       |        |        |         |         |        |
| UT001619--H-            | 15/16-20<br>UNEF Class 2A   | 31.05  | 24.61  |       |        |        |         |         |        |
| UT001823--H-            | 1" 1/16-18<br>UNEF Class 2A | 33.35  | 26.97  |       |        |        |         |         |        |
| UT002028--H-            | 1" 3/16-18<br>UNEF Class 2A | 36.55  | 29.36  | 34.70 | 29.30  |        |         |         |        |
| UT002030--H-            |                             |        |        |       |        |        |         |         |        |
| UT002235--H-            | 1" 5/16-18<br>UNEF Class 2A | 39.80  | 31.75  |       |        | 15.35  |         |         |        |
| UT002238--H-            |                             |        |        |       |        |        |         |         |        |
| UT002448--H-            | 1" 7/16-18<br>UNEF Class 2A | 42.90  | 34.92  |       |        |        |         |         |        |



**MATERIAL :**  
Housing : Zinc alloy nickel plated  
Insert : PA 66 UL94 V0  
Mating gasket : sealing IP67:Nitril  
                  sealing IP68:Silicone  
O'ring : nitril

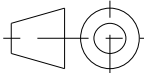
**PERFORMANCE CHARACTERISTICS :**  
 Operating temperature : -40°C up to 105°C  
 Insulation resistance : 5000 M $\Omega$ /min  
 Withstanding voltage: 2000Vrms  
 (1500 Vrms for 102w2 and 103w3 layouts)

Corrosion salt spray : 96 hours  
Durability : 500 matings and unmatings  
Sealing IP67 / IP68 3 bar/30min as per IEC60529  
Sealing IP69K as per DIN40050  
ROHS compliant

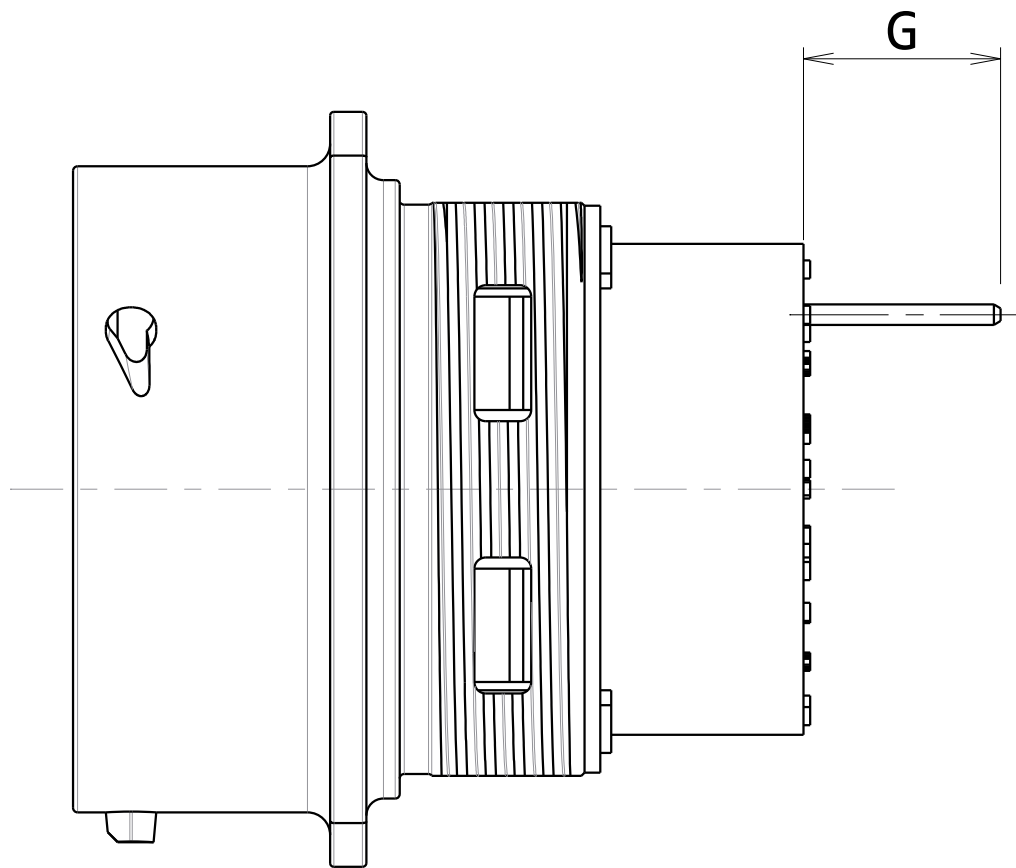
**NOTES :**

- 1- Contact identification and orientation of connector, refer to:  
UT0-CONTACT-L-C01 (Male)  
UT0-CONTACT-L-C02 (Female)
- 3- Contact to be ordered separately refer to : UT0 catalog
- 4- Dimension  $\varnothing P$  for front panel mounting (see to panel cut out)
- 5- Dimension  $\varnothing R$  for rear panel mounting (see to panel cut out)
- 6- To achieved Sealing condition : Add UTFD-- Sealing Gasket
- 7- Insert arrangement refer to : UT0-DHP-001-C01 (Male)  
UT0-DHP-002-C01 (Female)
- 8- This drawing covers p/n termination : -H / -H6 / -H05 / -H605
- 9- Packaging: connector is individually packed in a plastic bag

|                                                                                                         |    |     |   |   |    |    |
|---------------------------------------------------------------------------------------------------------|----|-----|---|---|----|----|
| UT00                                                                                                    | 14 | 2G1 | P | W | H6 | 05 |
| Receptacle UT0 : <i>Type 0</i>                                                                          |    |     |   |   |    |    |
| Shell size :                                                                                            |    |     |   |   |    |    |
| Insert arrangement : <i>See Note 7</i>                                                                  |    |     |   |   |    |    |
| Contact : <i>P : Male</i><br><i>S : Female</i>                                                          |    |     |   |   |    |    |
| Insert polarisation : <i>No letter : Standard version</i><br><i>W, X, Y, Z : Differents orientation</i> |    |     |   |   |    |    |
| Sealing version : <i>H : IP67 version</i><br><i>H6 : IP68 version</i>                                   |    |     |   |   |    |    |
| Specification : <i>No letter : Standard version</i><br><i>05 : O'ring rear on the receptacle</i>        |    |     |   |   |    |    |

|              |                                                                                       |                                        |                        |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|----------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 20/04/2015                                                                            | _ CREATION OF THE DRAWING              |                        | 24021                                                                                                          |
|              |                                                                                       | _ Cancel & replace UT00-C01            |                        |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by:              | COUTY L.               | MOD N°                                                                                                         |
| Designed by: |                                                                                       | COUTY L.                               | Date : 20/04/2015      | CUSTOMER DRAWING                                                                                               |
| TITLE        |                                                                                       | RECEPTACLE<br>UT0 CONNECTOR            |                        |                                                                                                                |
| Scale<br>2/1 |  | General linear<br>Tolerances:<br>± 0.1 | NPRDS / PROJECT<br>UT0 |                                                                                                                |
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In case the connectors are equipped with dipsolder contacts



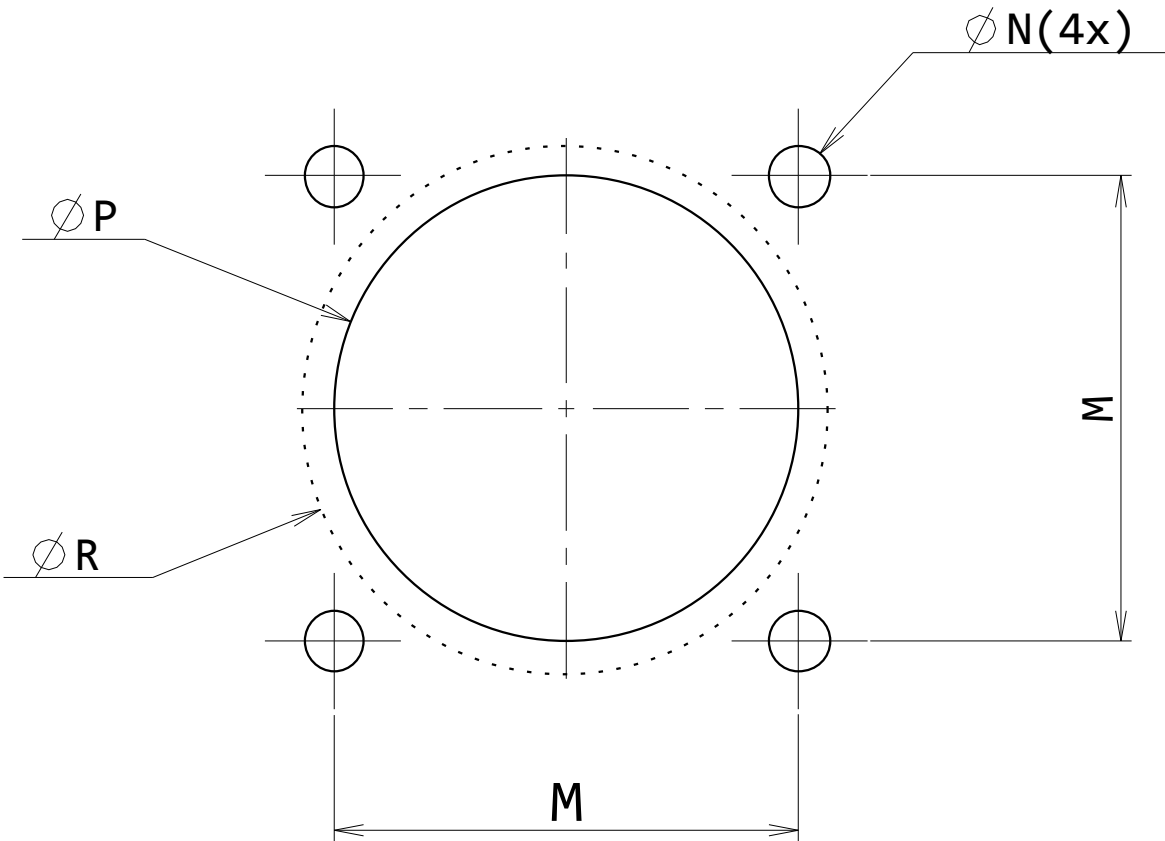
CONTACT RM20M12E83x (Male)  
or RC20M12E83x (Female)

Contacts to be ordered separately

| MALE CONTACTS |     |      |
|---------------|-----|------|
| Part Number   | G   |      |
|               | min | max  |
| UT00104P-H-   | 8.1 | 10.3 |
| UT001044P-H-  |     |      |
| UT00124P-H-   |     |      |
| UT00128P-H-   |     |      |
| UT001412P-H-  |     |      |
| UT001492P-H-  |     |      |
| UT001619P-H-  |     |      |
| UT001823P-H-  |     |      |
| UT002028P-H-  |     |      |
| UT002030P-H-  |     |      |
| UT002235P-H-  |     |      |
| UT002238P-H-  |     |      |
| UT002448P-H-  |     |      |

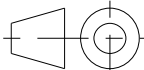
| FEMALE CONTACTS |     |     |
|-----------------|-----|-----|
| Part Number     | G   |     |
|                 | min | max |
| UT00104S-H-     | 7.5 | 9.2 |
| UT001044S-H-    |     |     |
| UT00128S-H-     |     |     |
| UT001412S-H-    |     |     |
| UT001492S-H-    |     |     |
| UT001619S-H-    |     |     |
| UT001823S-H-    | 5.3 | 7.1 |
| UT002028S-H-    |     |     |
| UT002030S-H-    |     |     |
| UT002235S-H-    |     |     |
| UT002238S-H-    |     |     |
| UT002448S-H-    |     |     |

Panel Cut Out



| Part Number   | M ±0.2 | Ø N ±0.1 | Ø P ±0.1 | Ø R ±0.1 |
|---------------|--------|----------|----------|----------|
| UT00102W2--H- | 18.26  | 3.20     | 14.20    | 17.30    |
| UT00103W3--H- |        |          |          |          |
| UT00103--H-   |        |          |          |          |
| UT00104--H-   |        |          |          |          |
| UT001044--H-  |        |          |          |          |
| UT00124--H-   | 20.62  | 3.20     | 18.40    | 21.85    |
| UT00128--H-   |        |          |          |          |
| UT00142G1--H- | 23.01  | 3.20     | 21.50    | 25.00    |
| UT00147--H-   |        |          |          |          |
| UT00148--H-   |        |          |          |          |
| UT001412--H-  |        |          |          |          |
| UT001492--H-  | 24.61  | 3.20     | 24.60    | 28.10    |
| UT001619--H-  |        |          |          |          |
| UT001823--H-  |        |          |          |          |
| UT002028--H-  | 29.36  | 3.20     | 30.95    | 34.50    |
| UT002030--H-  |        |          |          |          |
| UT002235--H-  | 31.75  | 3.20     | 34.10    | 37.70    |
| UT002238--H-  |        |          |          |          |
| UT002448--H-  | 34.92  | 3.90     | 37.30    | 40.90    |

-Dimension Ø P for front panel mounting (see to panel cut out)  
-Dimension Ø R for rear panel mounting (see to panel cut out)

|              |                                                                                       |                                        |                        |                                                                                                                |
|--------------|---------------------------------------------------------------------------------------|----------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|
| A            | 04/11/2014                                                                            | _ CREATION OF THE DRAWING              |                        | 24021                                                                                                          |
|              |                                                                                       | _ Cancel & replace UT00-C01            |                        |                                                                                                                |
| ISS          | DATE                                                                                  | Latest modification - by: COUTY L.     |                        | MOD N°                                                                                                         |
| Designed by: |                                                                                       | COUTY L.                               | Date : 04/11/2014      | CUSTOMER DRAWING                                                                                               |
| TITLE        |                                                                                       | RECEPTACLE<br>UT0 CONNECTOR            |                        |                                                                                                                |
| Scale        |  | General linear<br>Tolerances:<br>± 0.1 | NPRDS / PROJECT<br>UT0 |                                                                                                                |
| 3/1          |                                                                                       |                                        |                        |                                                                                                                |
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| A2           |                                                                                       |                                        |                        |                                                                                                                |

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