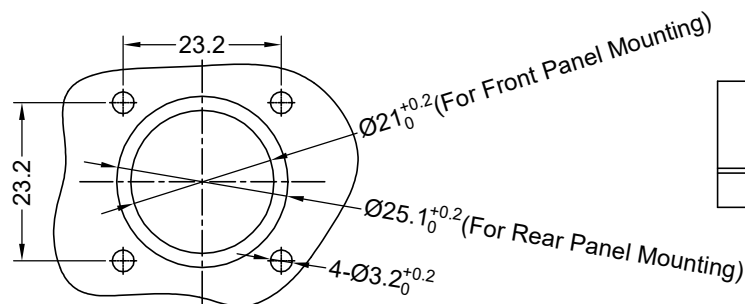
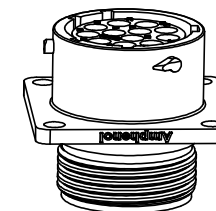
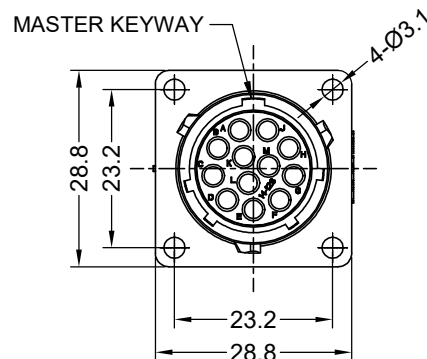
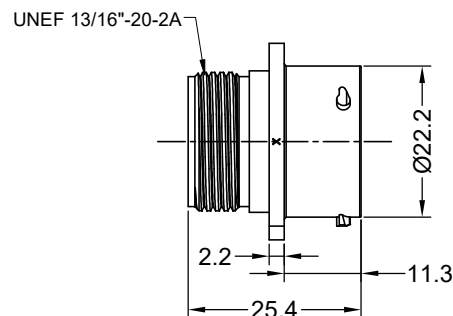


| REVISIONS |     |                               |             |       |       |
|-----------|-----|-------------------------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION                   | DATE        | BY    | APPR  |
| A1        | -   | RELEASED DRAWING              | JUL-03-2017 | NICK  | TOMMY |
| A2        | -   | UPDATE DRAWING                | MAR-20-2018 | WHITE | TOMMY |
| A3        | -   | UPDATE DRAWING                | APR-10-2018 | WHITE | TOMMY |
| A4        | -   | UPDATE THE DESCRIPTION        | MAR-29-2022 | JUN   | TOMMY |
| A5        | -   | UPDATE THE DIMENSION OF PANEL | NOV-8-2023  | JUN   | TOMMY |



PANEL CUT OUT REFERENCE

# NOTES: (UNLESS OTHERWISE SPECIFIED)

## 1. MATERIAL:

SHELL: THERMOPLASTIC, UL94 V-0.  
 INSERT: THERMOPLASTIC, UL94 V-0.  
 SEAL GASKET: NBR/SILICONE RUBBER.

## 2. SPECIFICATIONS:

- 2.1 RATED CURRENT: 13A (MAX).
- 2.2 RATED VOLTAGE: 500V(AC/DC).
- 2.3 OPERATING TEMPERATURE: SEE TABLE.
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
- 2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
- 2.6 IP CLASS: IP67 AND IP69K IN THE MATED CONDITION, PANEL EXTERNAL.
- 2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
- 2.8 RoHS COMPLIANT.

## 3. SUITABLE CONTACTS : 16# CONTACT.

## 4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| KEY | PART NUMBER   |               |
|-----|---------------|---------------|
|     | -40°C ~ 105°C | -40°C ~ 125°C |
| N   | RTS014N12S    | RTS014N12S03  |

| QUANTITY                             | PART NUMBER | DESCRIPTION                                                                                                                                                                                                                                                          | ITEM |
|--------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| MATERIALS LIST                       |             |                                                                                                                                                                                                                                                                      |      |
| UNLESS OTHERWISE SPECIFIED           |             | SIGNATURES                                                                                                                                                                                                                                                           |      |
| 1) All dimensions are in metric(mm). |             | DATE                                                                                                                                                                                                                                                                 |      |
| 2) Tolerances are as follows:        |             | DRAWN: JUN Nov-8-2023                                                                                                                                                                                                                                                |      |
| 1 PL DEC ±0.30                       |             | CHECKED: JOE Nov-9-2023                                                                                                                                                                                                                                              |      |
| 2 PL DEC ±0.15                       |             | ENGINEER:                                                                                                                                                                                                                                                            |      |
| 3 PL DEC ±0.08                       |             | APPROVAL: TOMMY Nov-10-2023                                                                                                                                                                                                                                          |      |
| 3) Note reference =                  |             | CUSTOMER:                                                                                                                                                                                                                                                            |      |
| MATERIAL SPECIFICATIONS:             |             | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |      |
| PROCESS SPECIFICATIONS:              |             | SIZE B TYPE C- DWG NO: RTS014*12Sxx REVISION A5                                                                                                                                                                                                                      |      |
| NEXT ASSY:                           |             | SCALE: NONE SHEET 1 OF 1                                                                                                                                                                                                                                             |      |

TITLE: EcoMate Aquarius,RECEPTACLE, FLANGE, SIZE 14, 12 POS, SOCKET

DWG NO:

RTS014\*12Sxx

REV: A5

SH: 1

OF: 1