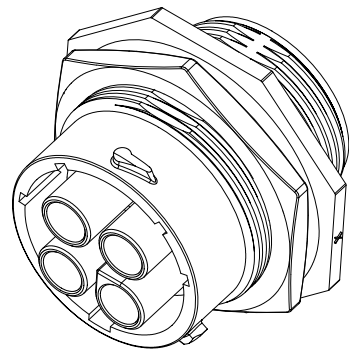
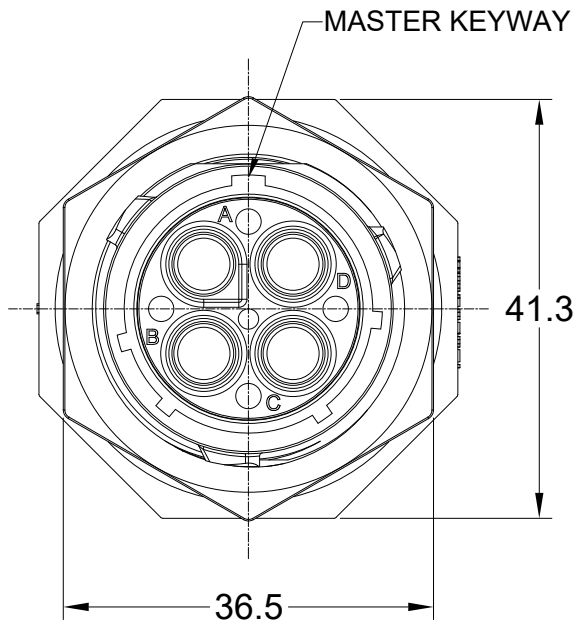
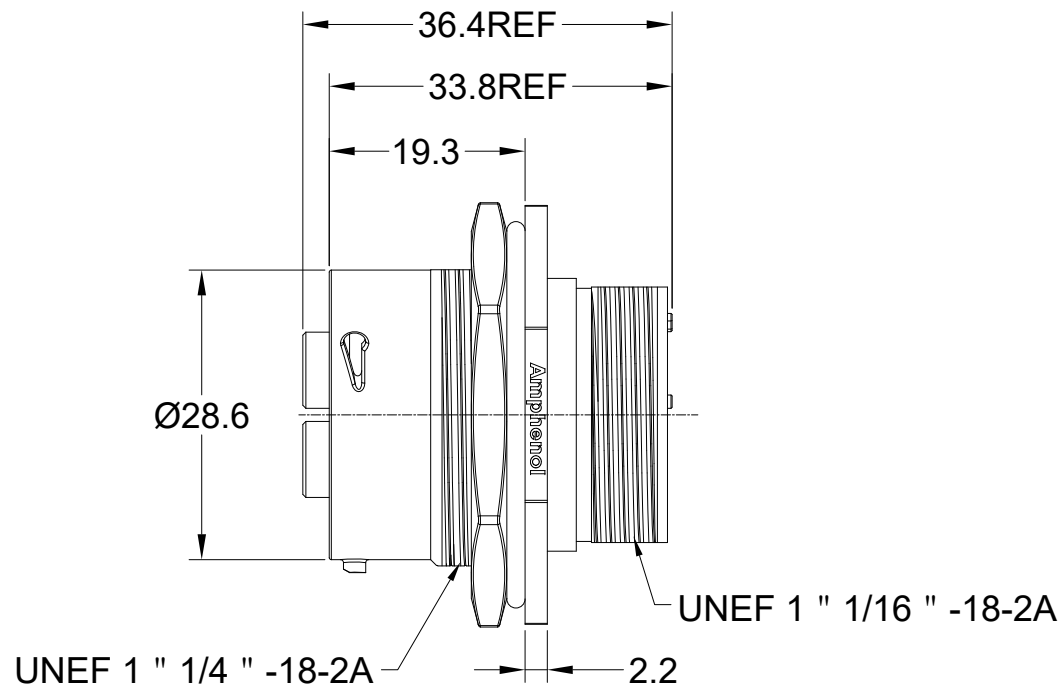


| REVISIONS |     |                  |             |        |       |
|-----------|-----|------------------|-------------|--------|-------|
| REV       | ECO | DESCRIPTION      | DATE        | BY     | APPR  |
| A1        | --  | RELEASED DRAWING | AUG-25-2023 | RONALD | TOMMY |



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

SHELL: THERMOPLASTIC, UL94 V-0.  
INSERT: THERMOPLASTIC, UL94 V-0.  
O-RING: NBR OR SILICONE RUBBER.  
SEAL GASKET: NBR/SILICONE RUBBER.  
JAM NUT: ALUMINIUM ALLOY,

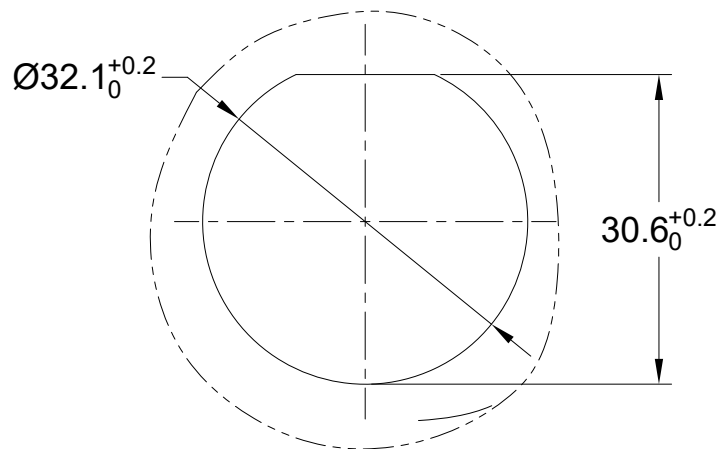
2. SPECIFICATIONS:

- 2.1 RATED CURRENT: 56A (MAX).  
2.2 RATED VOLTAGE: 600V AC / 800V DC.  
2.3 OPERATING TEMPERATURE: SEE TABLE.  
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN  
2 MILLIAMPS CURRENT LEAKAGE@2500 VOLTS AC.  
2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.  
2.6 IP-CLASS: IP67 AND IP69K IN THE MATED CONDITION,  
WIRE SEALS FULLY POPULATED.  
2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.  
2.8 RoHS COMPLIANT.

3. SUITABLE CONTACTS : MS10A25x-xx.

("x"= DENOTE DIFFERENT PLATING;"xx"=ALL MODIFICATIONS).

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

| KEY | PART NUMBER   |               |
|-----|---------------|---------------|
|     | -40°C ~ 105°C | -40°C ~ 125°C |
| N   | RTS718N4S     | RTS718N4S03   |

| QUANTITY                                                                                                                                                                         | PART NUMBER | DESCRIPTION                                                                                                                                                                                                                                                          | ITEM                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| MATERIALS LIST                                                                                                                                                                   |             |                                                                                                                                                                                                                                                                      |                                                   |
| UNLESS OTHERWISE SPECIFIED<br>1) All dimensions are in metric(mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>3) Note reference = |             | SIGNATURES<br>DRAWN: RONALD<br>CHECKED: JOE<br>ENGINEER:<br>APPROVAL: TOMMY                                                                                                                                                                                          | DATE<br>AUG-25-2023<br>AUG-29-2023<br>AUG-31-2023 |
| MATERIAL SPECIFICATIONS:                                                                                                                                                         |             | CUSTOMER:                                                                                                                                                                                                                                                            |                                                   |
| PROCESS 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. |                                                   |
| NEXT ASSY:                                                                                                                                                                       |             | EcoMate Aquarius, RECEPTACLE, SIZE 18, 4 POS,JAM NUT, SOCKET                                                                                                                                                                                                         |                                                   |
| SIZE<br>B                                                                                                                                                                        |             | TYPE<br>C-                                                                                                                                                                                                                                                           |                                                   |
| SCALE<br>NONE                                                                                                                                                                    |             | DWG NO:<br>RTS718*4Sxx                                                                                                                                                                                                                                               |                                                   |
|                                                                                                                                                                                  |             | REVISION<br>A1                                                                                                                                                                                                                                                       |                                                   |
|                                                                                                                                                                                  |             | SHEET 1 OF 1                                                                                                                                                                                                                                                         |                                                   |

TITLE: EcoMate Aquarius, RECEPTACLE, SIZE 18, 4 POS,JAM NUT, SOCKET

DWG NO:

RTS718\*4Sxx

REV: A1

SH: 1

OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm Options (1802 & 1804 Insert Arrangements)

| Machined, Crimp Contacts |            |                    |                  |                   |            |
|--------------------------|------------|--------------------|------------------|-------------------|------------|
| Part Number              |            | Contact Size (AWG) | Wire Range (mm²) | For Use w End Cap | Plating    |
| Male                     | Female     |                    |                  |                   |            |
| MP10A25S-8               | MS10A25S-8 | 8AWG               | 10.0 mm²         | No                | Silver     |
| MP10A25F-8               | MS10A25F-8 | 8AWG               | 10.0 mm²         | No                | Gold Flash |

| Machined, Tooling |                                                |
|-------------------|------------------------------------------------|
| Part Number       | Description                                    |
| QXRT08L           | Contact Extraction Tool, # 8 (Ø 3.6mm) Contact |
| M300BT            | Hand Crimper                                   |
| WA27-3009-2C      | Pneumatic Crimper                              |
| UH2-5             | Locator M3200BT and WA27-309-2C                |