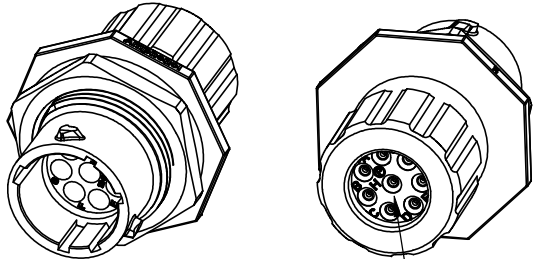
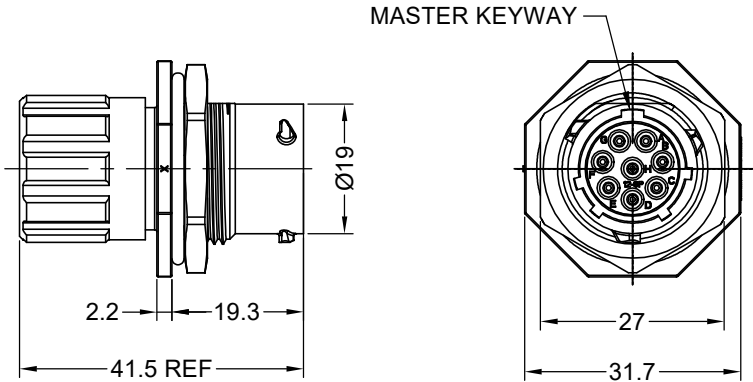


| REVISIONS |     |                |             |     |       |
|-----------|-----|----------------|-------------|-----|-------|
| REV       | ECO | DESCRIPTION    | DATE        | BY  | APPR  |
| A1        | -   | FIRST RELEASED | JAN-18-2024 | JUN | TOMMY |

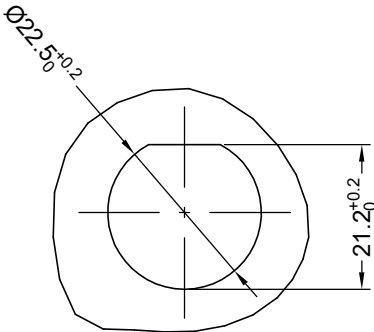


SEALING PLUGS CAN BE  
PURCHASED SEPARATELY

NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATERIAL:
  - SHELL: THERMOPLASTIC, UL94 V-0.
  - INSERT: THERMOPLASTIC, UL94 V-0.
  - O-RING: NBR OR SILICONE RUBBER.
  - SEAL GASKET: NBR OR SILICONE RUBBER.
  - END CAP: THERMOPLASTIC, UL94 V-0.
  - PLASTIC RING:THERMOPLASTIC, UL94 V-0.
  - WIRE SEAL: SILICONE RUBBER.
- 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@20000 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.
- SUITABLE CONTACTS : 16# CONTACT.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| Contact Size | Insulation Overall Diameter(min-max) | Wire Range |
|--------------|--------------------------------------|------------|
| 16#          | Ø1.2mm - Ø2.1mm                      | 14 - 24AWG |



PANEL CUT OUT REFERENCE

| KEY | PART NUMBER   |                 |
|-----|---------------|-----------------|
|     | -40°C ~ 105°C | -40°C ~ 125°C   |
| N   | RTS712N8PHECR | RTS712N8PHEC03R |

| 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 JAN-18-2024                                                                                                                                                                                                                                               |      |
| 1 PL DEC ±0.30                       |             | CHECKED: JOE JAN-22-2024                                                                                                                                                                                                                                             |      |
| 2 PL DEC ±0.15                       |             | ENGINEER:                                                                                                                                                                                                                                                            |      |
| 3 PL DEC ±0.08                       |             | APPROVAL: TOMMY JAN-24-2024                                                                                                                                                                                                                                          |      |
| 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:              |             | EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 12, 8 POS, PIN,REDUCED WIRE SEALS                                                                                                                                                                               |      |
| NEXT ASSY:                           |             | SCALE: NONE                                                                                                                                                                                                                                                          |      |
|                                      |             | SIZE TYPE DWG NO. RTS712*8PHECxxR REVISION A1                                                                                                                                                                                                                        |      |
|                                      |             | SHEET 1 OF 1                                                                                                                                                                                                                                                         |      |

TITLE: EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 12, 8 POS, PIN,REDUCED WIRE SEALS  
DWG NO.: RTS712\*8PHECxxR  
REV: A1  
SH: 1  
OF: 1