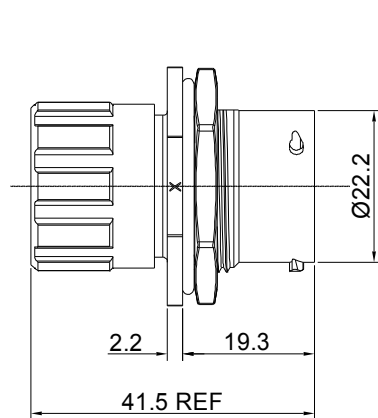
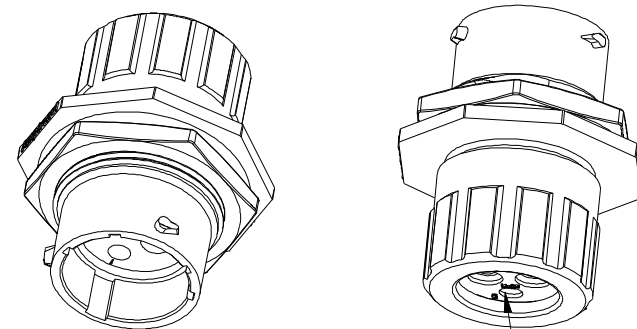
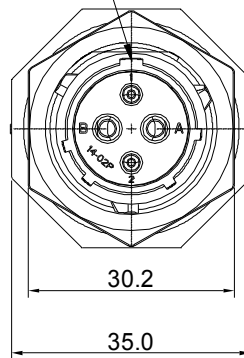


| REVISIONS |     |                                |             |       |       |
|-----------|-----|--------------------------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION                    | DATE        | BY    | APPR  |
| A1        | -   | FIRST RELEASED                 | Jun-15-2018 | Blink | Tommy |
| A2        | -   | UPDATE DESCRIPTION AND VOLTAGE | SEP-23-2021 | BLINK | TOMMY |



MASTER KEYWAY



SEALING PLUGS CAN BE PURCHASED SEPARATELY

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 OR SILICONE RUBBER.  
 END CAP : THERMOPLASTIC , UL94 V-0.  
 PLASTIC RING:THERMOPLASTIC , UL94 V-0.  
 WIRE SEAL : SILICONE RUBBER.

2. SPECIFICATIONS :

2.1 RATED CURRENT :

- 2.1.1 2.5MM CONTACT 23A (MAX).  
 2.1.2 16# CONTACT 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.

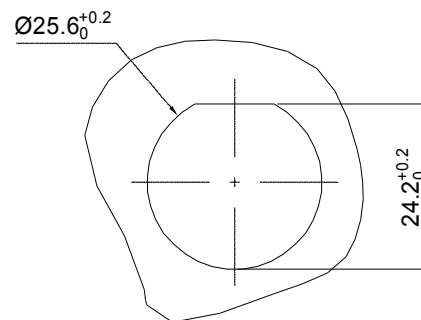
2.6, IP-CLASS : IP67 AND IP69K IN THE MATED CONDITION,  
 WIRE SEALS FULLY POPULATED.

2.7, MATING CYCLES DURABILITY : 500 CYCLES MIN.

2.8, RoHS COMPLIANT.

3. SUITABLE CONTACTS : 2.5mm &16# CONTACT.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

| KEY | PART NUMBER   |                |
|-----|---------------|----------------|
|     | -40°C ~ 105°C | -40°C ~ 125°C  |
| N   | RTS714N2PHEC  | RTS714N2PHEC03 |

| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | WIRE RANGE |
|--------------|-----------------|-----------------|------------|
| 16#          | Ø2.0mm          | Ø3.2mm          | 14 - 24AWG |
| 2.5mm        | Ø3.3mm          | Ø4.3mm          | 14 - 12AWG |

| 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: BLINK                                                                                                                                                                                                                                                                                                                                        |      |
| 1 PL DEC ±0.30                       |             | SEP-23-2021                                                                                                                                                                                                                                                                                                                                         |      |
| 2 PL DEC ±0.15                       |             | CHECKED: ORION                                                                                                                                                                                                                                                                                                                                      |      |
| 3 PL DEC ±0.08                       |             | SEP-24-2021                                                                                                                                                                                                                                                                                                                                         |      |
| 3) Note reference =                  |             | ENGINEER:                                                                                                                                                                                                                                                                                                                                           |      |
| MATERIAL SPECIFICATIONS:             |             | APPROVAL: TOMMY                                                                                                                                                                                                                                                                                                                                     |      |
| PROCESS SPECIFICATIONS:              |             | SEP-27-2021                                                                                                                                                                                                                                                                                                                                         |      |
| NEXT ASSY:                           |             | CUSTOMER:                                                                                                                                                                                                                                                                                                                                           |      |
|                                      |             | 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.                                                                                |      |
|                                      |             | <div> <div> <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> </div> <div> <div>EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 14, 2+2 POS, PIN</div> <div> <div>SIZE</div> <div>TYPE</div> <div>DWG NO:</div> <div>REVISION</div> </div> </div> </div> |      |
|                                      |             | <div> <div>B</div> <div>C-</div> <div>RTS714*2PHECxx</div> <div>A2</div> </div>                                                                                                                                                                                                                                                                     |      |
|                                      |             | <div> <div>SCALE</div> <div>NONE</div> <div>SHEET</div> <div>1</div> <div>OF</div> <div>1</div> </div>                                                                                                                                                                                                                                              |      |

TITLE: EcoMate Aquarius RECEPTACLE END CAP JAM NUT, SIZE 14, 2+2 POS, PIN

DWG NO:

RTS714\*2PHECxx

REV: A2

SH: 1

OF: 1