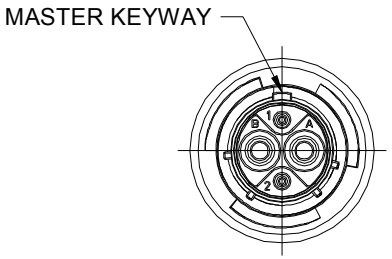
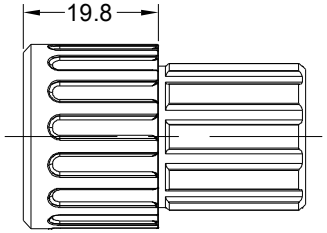
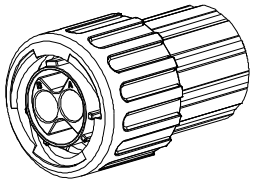
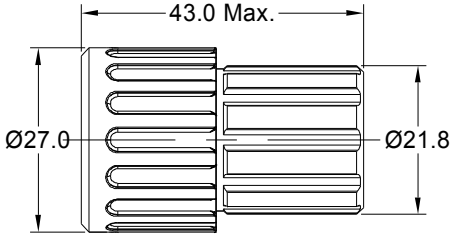
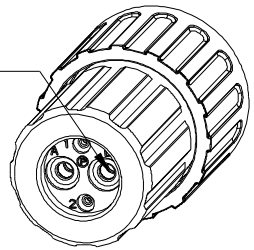
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | – | FIRST RELEASED | Jun.15,2016 | Drack | Tommy |
| A2 | – | UPDATE NOTES | Jun-20-17 | Nick | Tommy |
| A3 | – | UPDATE DRAWING | Mar-19-2018 | White | Tommy |
| A4 | – | UPDATE DESCRIPTION AND VOLTAGE | SEP-16-2021 | BLINK | TOMMY |






| KEY | PART NUMBER | |
|---|---|---|
| | -40°C ~ 105°C | -40°C ~ 125°C |
| N | RTS6BS12N2PHEC | RTS6BS12N2PHEC03 |

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :
   - SHELL : THERMOPLASTIC , UL94 V-0.
   - INSERT : THERMOPLASTIC , UL94 V-0.
   - COUPLING NUT : THERMOPLASTIC , UL94 V-0.
   - O-RING : NBR OR SILICONE RUBBER.
   - WASHER : SILICONE RUBBER.
   - END CAP : THERMOPLASTIC , UL94 V-0.
   - PLASTIC RING: THERMOPLASTIC , UL94 V-0.
   - WIRE SEAL : SILICONE RUBBER.
2. SPECIFICATIONS :
   - 2.1, RATED CURRENT : 2.5mm CONTTACT: 23A (MAX).
     20# CONTACT: 5A (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 & 20# CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | WIRE RANGE |
|---|---|---|---|
| 2.5mm | Ø3.3mm | Ø4.3mm | 14 - 12AWG |
| 20# | Ø1.6mm | Ø2.6mm | 30 - 20AWG |

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM |
|---|---|---|---|

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | BLINK | SEP-16-2021 |
| CHECKED: | ORION | SEP-17-2021 |
| ENGINEER: | | |
| APPROVAL: | TOMMY | SEP-16-2021 |
| 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.

Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

EcoMate Aquarius,PLUG,END CAP,
4 POS(2+2),PIN CONTACT,SIZE 12

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | RTS6BS12*2PHECxx | A4 |

SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius,PLUG,END CAP,4 POS(2+2),PIN CONTACT,SIZE 12
DWG NO: RTS6BS12*2PHECxx
REV: A4
SH: 1
OF: 1