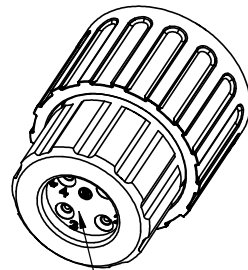
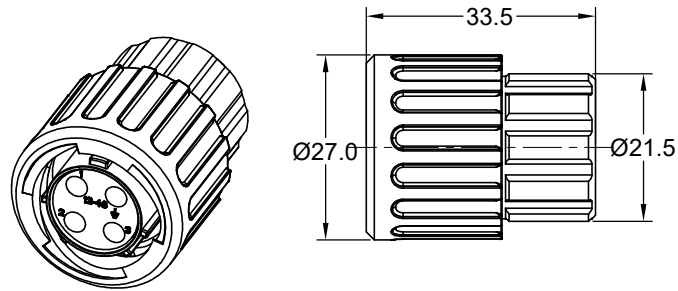
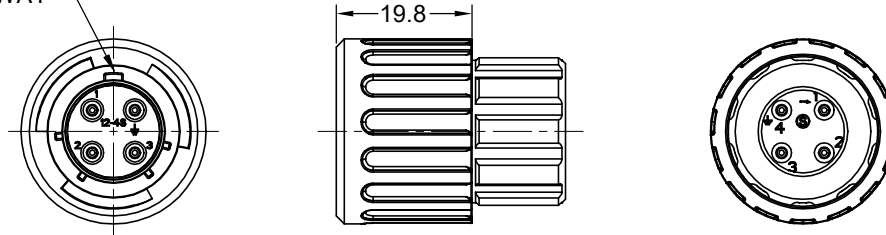


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	JAN-24-2024	JUN	TOMMY

MASTER KEYWAY



SEALING PLUGS CAN BE PURCHASED SEPARATELY

KEY	PART NUMBER	
		-40°C ~ 105°C
N	RTS6BS12N4SHECR	RTS6BS12N4SHEC03R

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: 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 : 16# CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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

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 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference =		SIGNATURES DRAWN: JUN JAN-24-2024 CHECKED: JOE JAN-28-2024 ENGINEER: APPROVAL: TOMMY JAN-30-2024 DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS: CUSTOMER:		EcoMate Aquarius, PLUG, END CAP, 4POS, SOCKET CONTACT, SIZE 12, REDUCED WIRE SEALS	
PROCESS SPECIFICATIONS: NEXT ASSY:		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.	DWG NO: RTS6BS12*4SHECxxR REVISION: A1 SCALE: NONE SHEET 1 OF 1

TITLE: EcoMate Aquarius, PLUG, END CAP, 4POS, SOCKET CONTACT, SIZE 12, REDUCED WIRE SEALS
 DWG NO.: RTS6BS12*4SHECxxR
 REV: A1
 SH: 1
 OF: 1