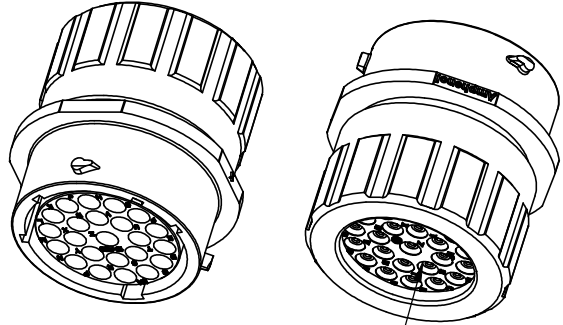
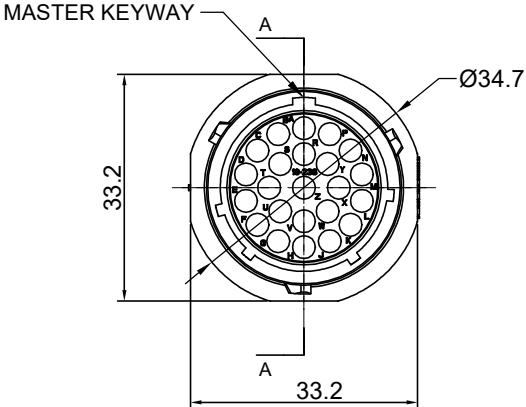
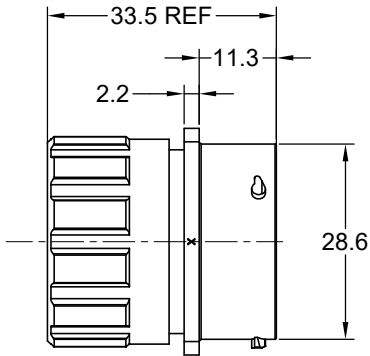


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	FEB-21-2024	JUN	TOMMY



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: 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# CONTACT.
 - 4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	Ø1.2mm	Ø2.1mm	14 - 24AWG

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS1BS18N23SHECR	RTS1BS18N23SHEC03R

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	FEB-21-2024
1 PL DEC ±0.30		CHECKED: JOE	FEB-21-2024
2 PL DEC ±0.16		ENGINEER:	
3 PL DEC ±0.08		APPROVAL: TOMMY	FEB-22-2024
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,IN-LINE, SIZE 18, 23POS, SOCKET,END CAP,REDUCED WIRE SEALS.	
NEXT ASSY:		SCALE NONE	
		SHEET 1 OF 1	

Amphenol

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

SIZE B TYPE C DWG NO: RTS1BS18*23SHECxxR REVISION A1

TITLE: EcoMate Aquarius, RECEPTACLE, IN-LINE, SIZE 18, 23 POS, SOCKET, END CAP, REDUCED WIRE SEALS
DWG NO: RTS1BS18*23SHECxxR
REV: A1
SH: 1
OF: 1