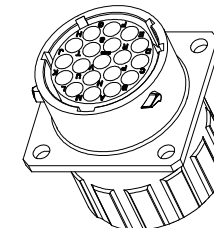
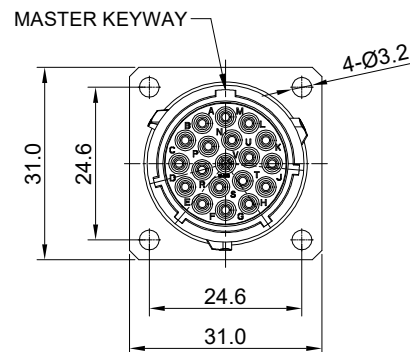
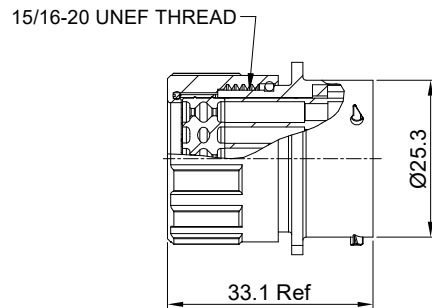


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	NOV-23-2014	BEN	TOMMY
B2	-	UPDATE RATED VOLTAGE	OCT-28-2022	JUN	TOMMY



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

SHELL: ZINC ALLOY, NICKEL PLATED.
INSERT: THERMOPLASTIC, UL94 V-0.
END CAP: THERMOPLASTIC, UL94 V-0.
PLASTIC BUSHING: THERMOPLASTIC, UL94 V-0.
SEAL GASKET: NBR/SILICONE RUBBER.
O-RING: NBR/SILICONE RUBBER.
WIRE SEAL: SILICONE RUBBER.

2. SPECIFICATIONS:

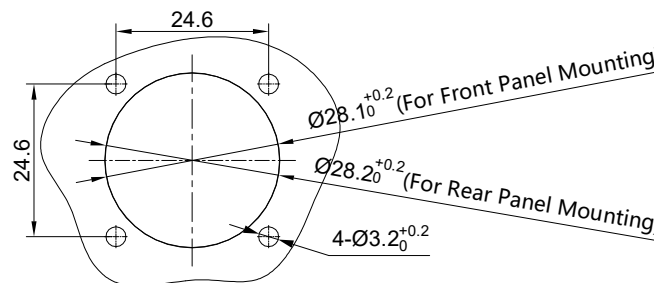
2.1 RATED CURRENT: 13A (MAX).
2.2 RATED VOLTAGE: 500V (AC/DC) .
2.3 OPERATING TEMPERATURE: SEE CHART.
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN
2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
2.6 IP-CLASS: IP67.
2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
2.8 ROHS COMPLIANT.

3. SUITABLE CONTACTS : 16# CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

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



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT001619SNHEC	RT001619SNHEC03
W	RT001619SWHEC	RT001619SWHEC03
X	RT001619SXHEC	RT001619SXHEC03
Y	RT001619SYHEC	RT001619SYHEC03
Z	RT001619SZHEC	RT001619SZHEC03

SEE PART NUMBER CHART			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: JUN	OCT-28-2022
2) Tolerances are as follows:		CHECKED: ORION	NOV-3-2022
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: TOMMY	NOV-7-2022
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		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:		SIZE	TYPE
NEXT ASSY:		B	C-
		SCALE	NONE
		SHEET 1 OF 1	

Amphenol

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

EcoMate Aquarius, RECEPTACLE,
SIZE 16,19POS, SOCKET, END CAP.

SIZE B TYPE C- DWG NO: RT001619S*HEC* REVISION B2