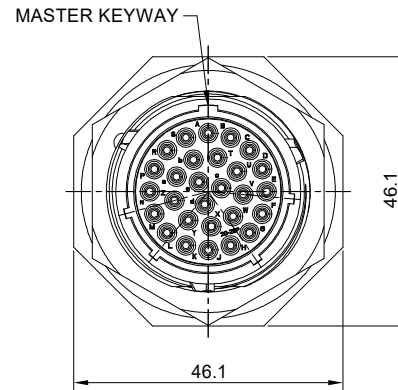
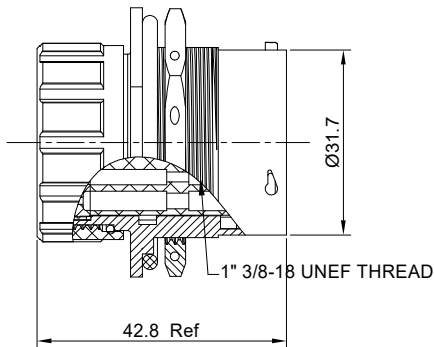
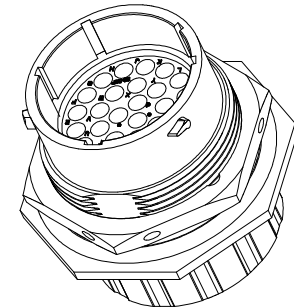


PANEL CUT OUT REFERENCE

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JULY-09-2014	BEN	TOMMY
B2	-	UPDATE RATED VOLTAGE	OCT-28-2022	JUN	TOMMY
B3	-	UPDATE RATED CURRENT	MAY-3-2023	JUN	TOMMY



NOTES: (UNLESS OTHERWISE SPECIFICATION)

1. MATERIAL:

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

2. SPECIFICATIONS:

2.1 RATED CURRENT: 3A (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

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT072028PNHEC	RT072028PNHEC03
W	RT072028PWHEC	RT072028PWHEC03
X	RT072028PXHEC	RT072028PXHEC03
Y	RT072028PYHEC	RT072028PYHEC03
Z	RT072028PZHEC	RT072028PZHEC03

SEE PART NUMBER CHART			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN: JUN	MAY-3-2023
2) Tolerances are as follows:		CHECKED: JOE	MAY-5-2023
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: TOMMY	MAY-8-2023
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.	
MATERIAL SPECIFICATIONS:		EcoMate Aquarius, RECEPTACLE, JAM NUT, SIZE 20, 28POS, PIN, END CAP.	
PROCESS SPECIFICATIONS:		SIZE B C- DWG NO: RT072028P*HEC* REVISION B3	
NEXT ASSY:		SCALE NONE SHEET 1 OF 1	