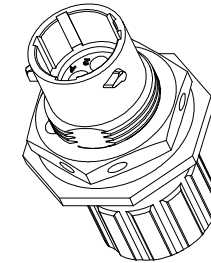
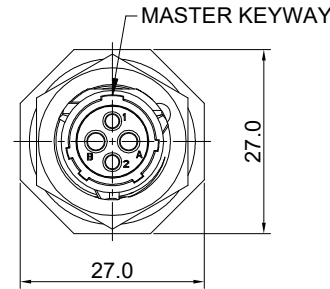
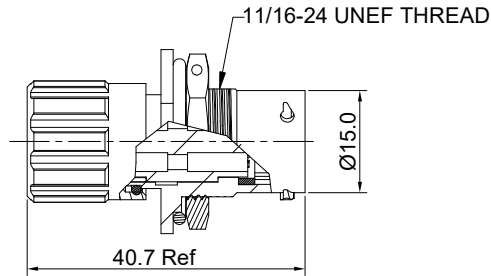
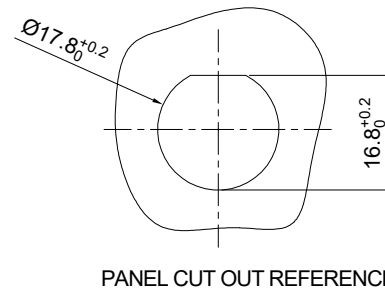


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JULY-03-2014	BEN	TOMMY
B2	-	UPDATE RATED VOLTAGE	OCT-28-2022	JUN	TOMMY



NOTES: (UNLESS OTHERWISE SPECIFICATION)

- 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.
- SPECIFICATIONS:
 - RATED CURRENT
 - 16# CONTACT 13A (MAX).
 - 20# CONTACT 5A (MAX).
 - RATED VOLTAGE: 500V(AC/DC).
 - OPERATING TEMPERATURE: SEE CHART.
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
 - INSULATION RESISTANCE: 5000 MEGOHMS MIN.
 - IP--CLASS: IP67.
 - MATING CYCLES DURABILITY: 500 CYCLES MIN.
 - ROHS COMPLIANT.
- SUITABLE CONTACTS: 16# & 20# CONTACTS.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACT SIZE AND REAR SEAL WIRE RANGE:



KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT07102PNHEC	RT07102PNHEC03
W	RT07102PWHEC	RT07102PWHEC03
X	RT07102PXHEC	RT07102PXHEC03
Y	RT07102PYHEC	RT07102PYHEC03
Z	RT07102PZHEC	RT07102PZHEC03

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
16#	Ø2.0mm	Ø3.2mm	14 - 24AWG
20#	Ø1.6mm	Ø2.6mm	20 - 30AWG

QUANTITY	SEE PART NUMBER CHART	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 =		SIGNATURES DATE DRAWN: JUN OCT-28-2022 CHECKED: ORION NOV-3-2022 ENGINEER: APPROVAL: TOMMY NOV-7-2022 CUSTOMER:	 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		EcoMate Aquarius, RECEPTACLE, SIZE 10,2POS,PIN,END CAP.	
PROCESS 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.	
NEXT ASSY:	SIZE	TYPE	DWG NO.
	B	C-	RT07102P*HEC*
	SCALE	NONE	REVISION B2
			SHEET 1 OF 1

TITLE: EcoMate Aquarius,RECEPTACLE, SIZE 10,2POS,PIN,END CAP. DWG NO.: RT07102P*HEC* REV: B2 SH: 1 OF: 1