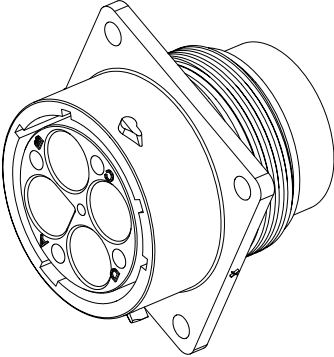
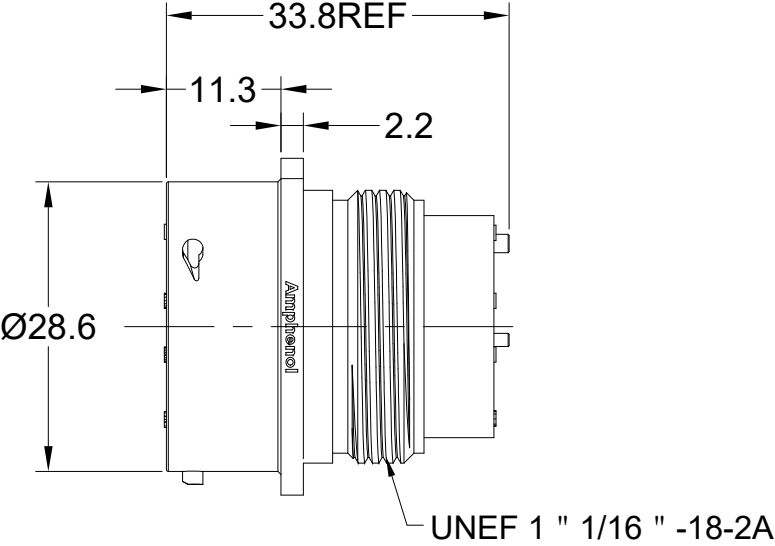
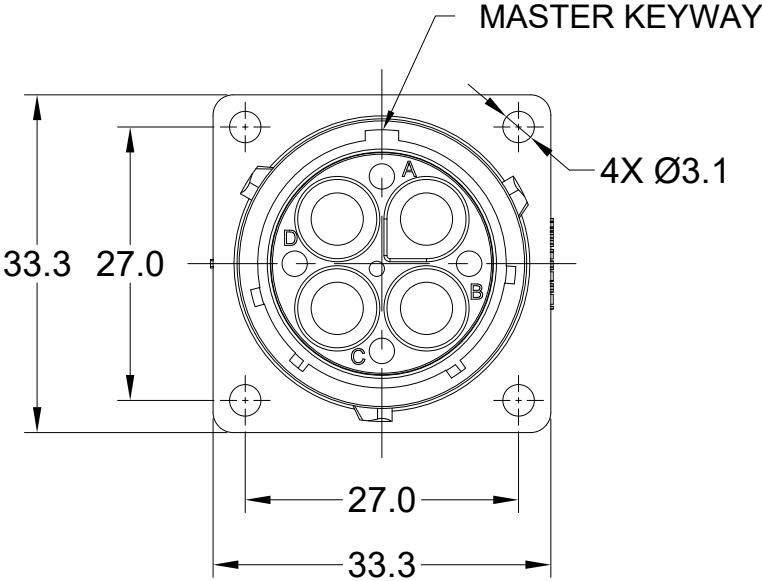


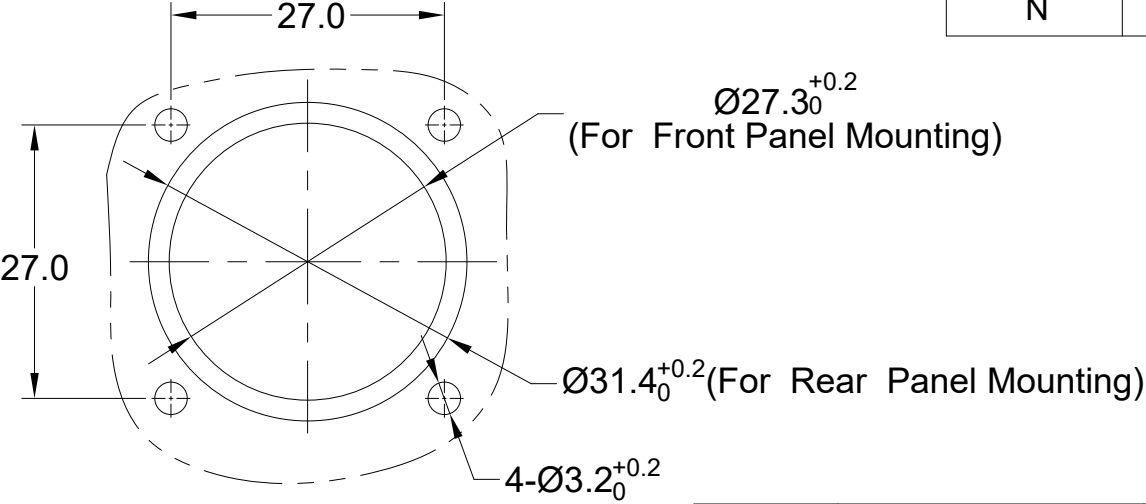
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	AUG-25-2023	RONALD	TOMMY



NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATERIAL:
 - SHELL: THERMOPLASTIC, UL94 V-0.
 - INSERT: THERMOPLASTIC, UL94 V-0.
 - SEAL GASKET: NBR/SILICONE RUBBER.
- SPECIFICATIONS:
 - 2.1 RATED CURRENT: 56A (MAX)
 - 2.2 RATED VOLTAGE: 600V AC / 800V DC.
 - 2.3 OPERATING TEMPERATURE: SEE TABLE.
 - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2500 VOLTS AC.
 - 2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
 - 2.6 IP--CLASS: IP67 AND IP69K IN THE MATED CONDITION, PANEL EXTERNAL.
 - 2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
 - 2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : MP10A25x-xx.
("x"= DENOTE DIFFERENT PLATING;"xx"=ALL MODIFICATIONS).
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

KEY	PART NUMBER	
	-40°C ~ +105°C	-40°C ~ +125°C
N	RTS018N4P	RTS018N4P03



PANEL CUT OUT REFERENCE

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: RONALD	
1 PL DEC ±0.30		AUG-25-2023	
2 PL DEC ±0.15		CHECKED: JOE	
3 PL DEC ±0.08		AUG-28-2023	
3) Note reference =		ENGINEER:	
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY	
PROCESS SPECIFICATIONS:		AUG-31-2023	
NEXT ASSY:		CUSTOMER:	
		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.	
		Sine Systems - www.amphenol-sine.com	
		44724 Morley Drive	
		Clinton Township, MI 48036	
		EcoMate Aquarius, RECEPTACLE, FLANGE, SIZE 18, 4 POS, PIN	
		SIZE TYPE DWG NO: REVISION	
		B C- RTS018*4Pxx A1	
		SCALE: NONE SHEET 1 OF 1	

ecomate® RM/RSSM/Aquarius™ - Contact Size 3.6mm Options (1802 & 1804 Insert Arrangements)

Machined, Crimp Contacts					
Part Number		Contact Size (AWG)	Wire Range (mm²)	For Use w End Cap	Plating
Male	Female				
MP10A25S-8	MS10A25S-8	8AWG	10.0 mm²	No	Silver
MP10A25F-8	MS10A25F-8	8AWG	10.0 mm²	No	Gold Flash

Machined, Tooling	
Part Number	Description
QXRT08L	Contact Extraction Tool, # 8 (Ø 3.6mm) Contact
M300BT	Hand Crimper
WA27-3009-2C	Pneumatic Crimper
UH2-5	Locator M3200BT and WA27-309-2C