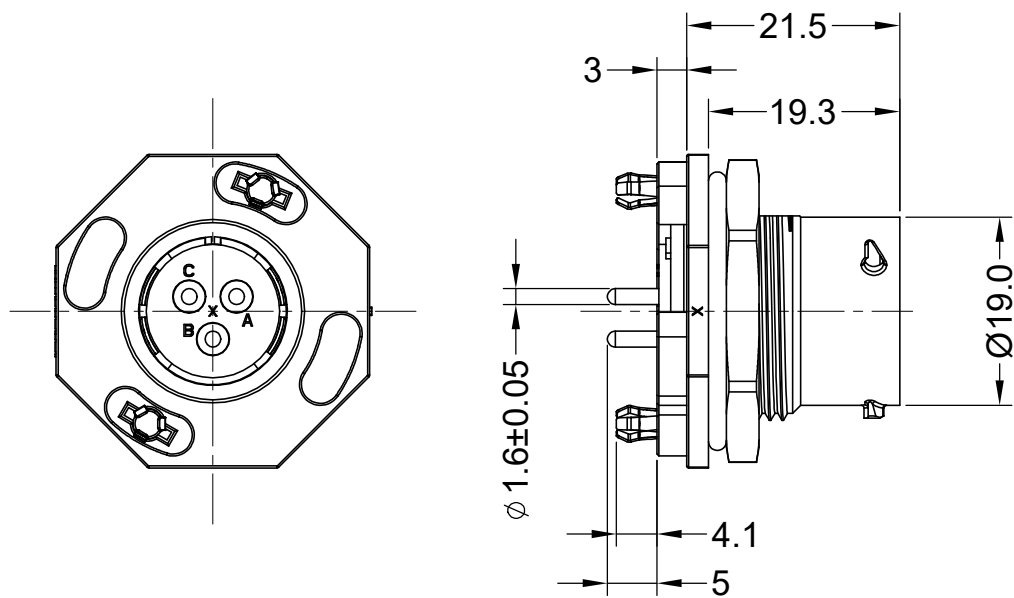
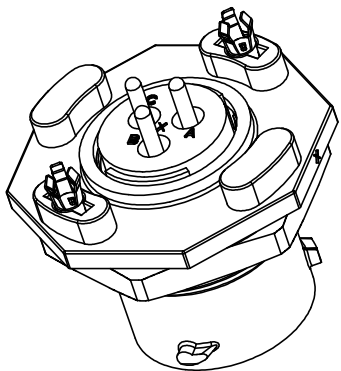
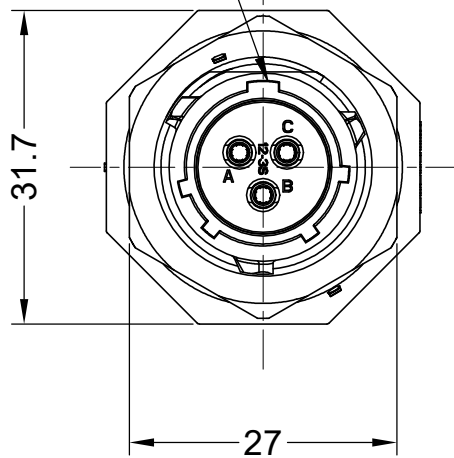


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASED DRAWING	JUL-30-2019	RONALD	TOMMY
A2	--	UPDATE THE DESCRIPTION	JAN-10-2022	JUN	TOMMY



MASTER KEYWAY



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

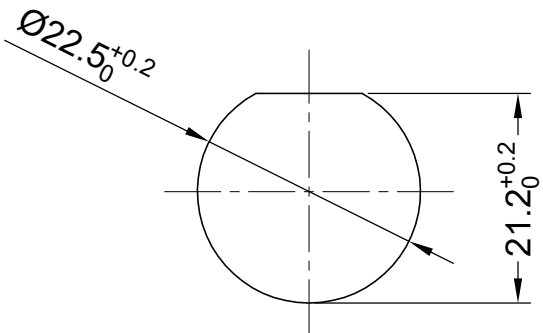
SHELL: THERMOPLASTIC, UL94 V-0.
INSERT: THERMOPLASTIC, UL94 V-0.
O-RING: SILICONE RUBBER.
SEAL GASKET: SILICONE RUBBER.
JAM NUT: ALUMINIUM ALLOY, BLACK ANODIZING.
CONTACT : COPPER ALLOY,GOLD PLATED.
CLIPS: COPPER ALLOY, TIN PLATED.

2. SPECIFICATIONS:

2.1, RATED CURRENT: 13A (MAX).
2.2, RATED VOLTAGE: 600V(AC/DC).
2.3, OPERATING TEMPERATURE: -40°C ~ 125°C.
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,
PANEL EXTERNAL.
2.7, MATING CYCLES DURABILITY: 500 CYCLES MIN.
2.8, RoHS COMPLIANT.

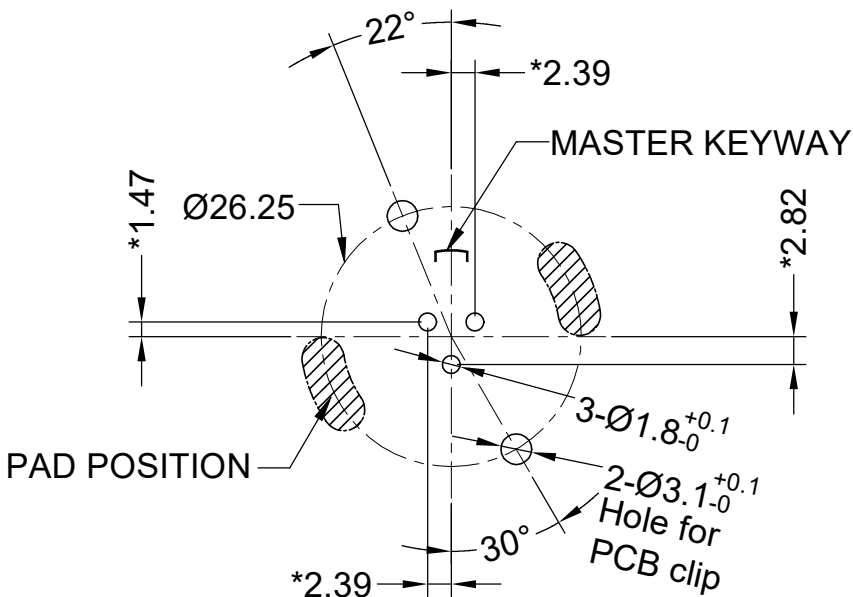
3. SUITABLE CONTACTS : 16# CONTACT.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



RECOMMEND MOUNTING HOLE

KEY	PART NUMBER
N	RTS712ND3S0332
W	RTS712WD3S0332
X	RTS712XD3S0332
Y	RTS712YD3S0332
Z	RTS712ZD3S0332



RECOMMEND PCB LAYOUT

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: JUN	JAN-10-2022
2) Tolerances are as follows:		CHECKED: BLINK	JAN-12-2022
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: TOMMY	JAN-14-2022
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference = X		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, 3POS,SOCKET CONTACT,SIZE 12	
PROCESS SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
NEXT ASSY:		SIZE B C- DWG NO: RTS712*D3S0332 REVISION A2	
		SCALE: NONE SHEET 1 OF 1	

TITLE: EcoMate Aquarius,RECEPTACLE, JAM NUT,3POS,SOCKET CONTACT,SIZE 12
DWG NO: RTS712*D3S0332
REV: A2
SH: 1
OF: 1