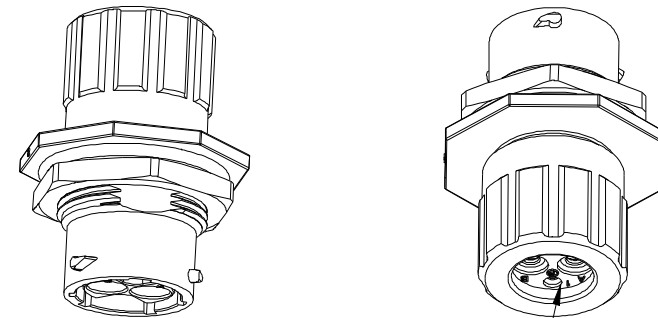
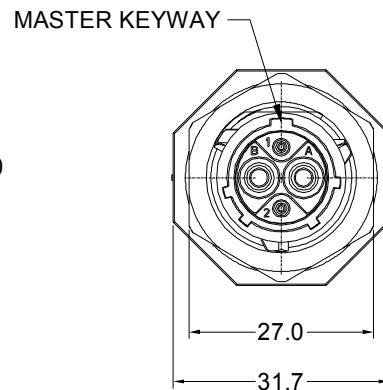
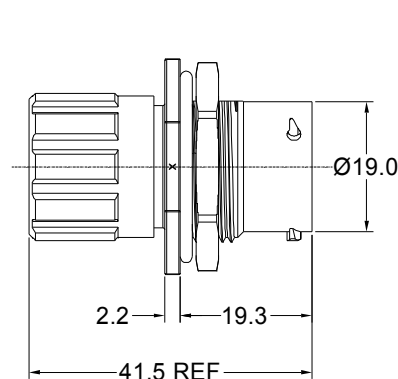


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	Jun-14-2018	Blink	Tommy
A2	-	UPDATE DESCRIPTION AND VOLTAGE	SEP-23-2021	BLINK	TOMMY



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

SHELL : THERMOPLASTIC , UL94 V-0.
 INSERT : THERMOPLASTIC , UL94 V-0.
 O-RING : NBR OR SILICONE RUBBER.
 SEAL GASKET : NBR OR SILICONE RUBBER.
 END CAP : THERMOPLASTIC , UL94 V-0.
 PLASTIC RING:THERMOPLASTIC , UL94 V-0.
 WIRE SEAL : SILICONE RUBBER.

2. SPECIFICATIONS :

2.1 RATED CURRENT :

2.1.1 2.5MM CONTACT 23A (MAX).

2.1.2 20# CONTACT 5A (MAX).

2.2 RATED VOLTAGE : 500V(AC/DC).

2.3, OPERATING TEMPERATURE : SEE TABLE.

2.4, DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN
 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.

2.5, INSULATION RESISTANCE : 5000 MEGOHMS MIN.

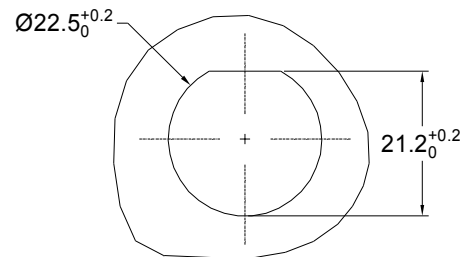
2.6, IP-CLASS : IP67 AND IP69K IN THE MATED CONDITION,
 WIRE SEALS FULLY POPULATED.

2.7, MATING CYCLES DURABILITY : 500 CYCLES MIN.

2.8, RoHS COMPLIANT.

3. SUITABLE CONTACTS : 2.5mm&20# CONTACT.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PANEL CUT OUT REFERENCE

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS712N2PHEC	RTS712N2PHEC03

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
2.5mm	Ø3.3mm	Ø4.3mm	14 - 12AWG
20#	Ø1.6mm	Ø2.6mm	30 - 20AWG

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: BLINK	
1 PL DEC ±0.30		SEP-23-2021	
2 PL DEC ±0.15		CHECKED: ORION	
3 PL DEC ±0.08		SEP-24-2021	
3) Note reference =		ENGINEER:	
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY	
PROCESS SPECIFICATIONS:		SEP-27-2021	
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.	
		SIZE TYPE DWG NO. B C- RTS712*2PHECxx REVISION A2	
		SCALE NONE	
		SHEET 1 OF 1	

TITLE: EcoMate Aquarius, RECEPTACLE, END CAP, JAM NUT, SIZE 12, 2+2 POS, PIN

DWG NO.

RTS712*2PHECxx

REV: A2

SH: 1

OF: 1

Amphenol

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

EcoMate Aquarius, RECEPTACLE, END CAP,
 JAM NUT, SIZE 12, 2+2 POS, PIN