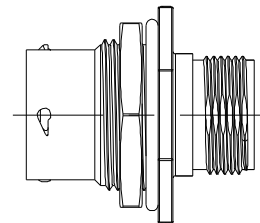
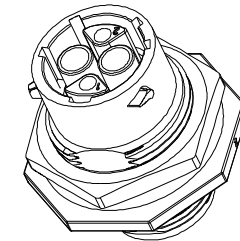
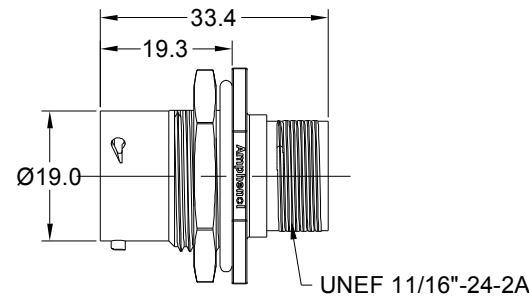
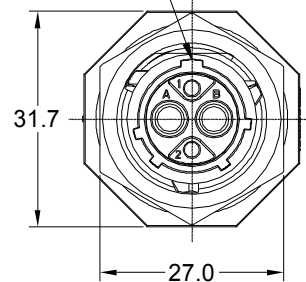


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	Jun.15,2016	Drack	Tommy
A2	-	UPDATE THE DRAWING	Jun.29,2016	Drack	Tommy
A3	-	UPDATE NOTES	Jun-21-2017	Nick	Tommy
A4	-	UPDATE DRAWING	Mar-19-2018	White	Tommy
A5	-	UPDATE DESCRIPTION AND VOLTAGE	SEP-23-2021	BLINK	TOMMY

MASTER KEYWAY



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

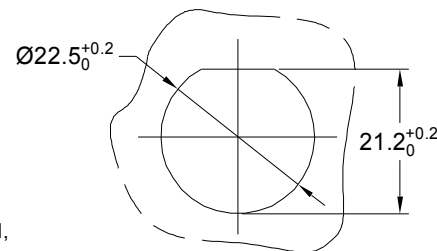
SHELL : THERMOPLASTIC , UL94 V-0.
 INSERT : THERMOPLASTIC , UL94 V-0.
 O-RING : NBR OR SILICONE RUBBER.
 SEAL GASKET : NBR OR SILICONE RUBBER.
 JAM NUT : ALUMINIUM ALLOY , BLACK ANODIZING.

2. SPECIFICATIONS :

2.1, RATED CURRENT : 2.5mm CONTACT: 23A (MAX).
 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,
 PANEL EXTERNAL.
 2.7, MATING CYCLES DURABILITY : 500 CYCLES MIN.
 2.8, RoHS COMPLIANT.

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

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



MOUNTING HOLE

KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS712N2S	RTS712N2S03

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES DATE		
1) All dimensions are in metric(mm).		DRAWN: BLINK	SEP-23-2021	
2) Tolerances are as follows:		CHECKED: ORION	SEP-24-2021	
1 PL DEC ±0.30		Fractions ±1/64 Angles ±1°		
2 PL DEC ±0.15				
3 PL DEC ±0.08				
3) Note reference = 		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY	SEP-27-2021	
PROCESS SPECIFICATIONS:		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.				
NEXT ASSY:				
SIZE		TYPE	DWG NO.	REVISION
B		C-	RTS712*2Sxx	A5
SCALE		NONE		
		SHEET	1	OF 1

TITLE: EcoMate Aquarius,RECEPTACLE, JAM NUT, 4 POS(2+2), SOCKET CONTACT, SIZE 12

DWG NO.

RTS712*2Sxx

REV: A5

SH: 1

OF: 1