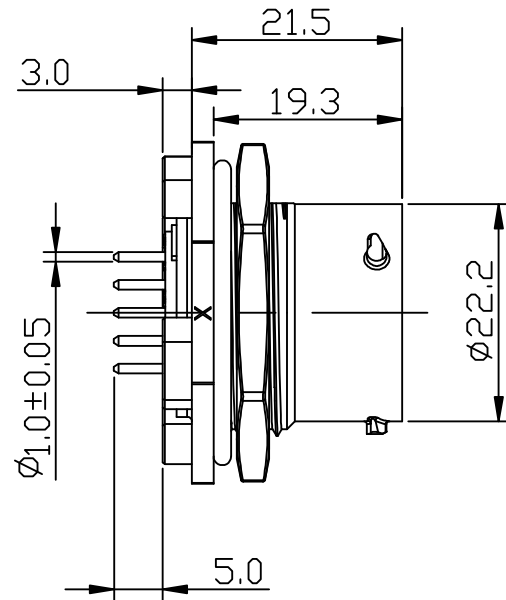
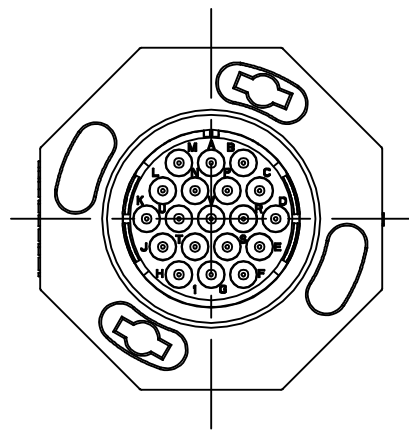
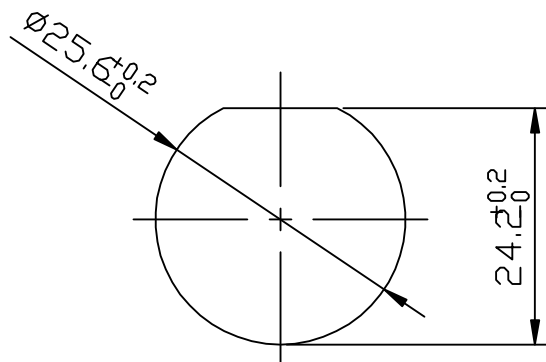
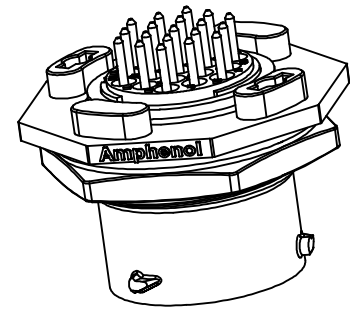
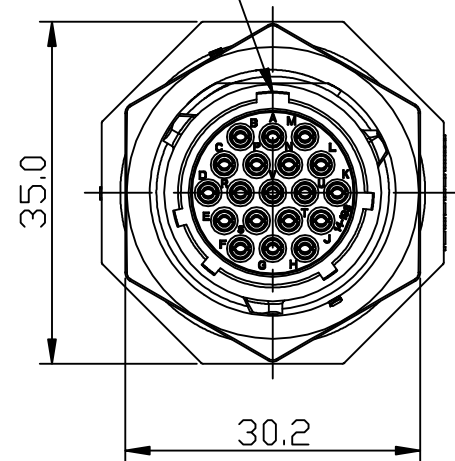


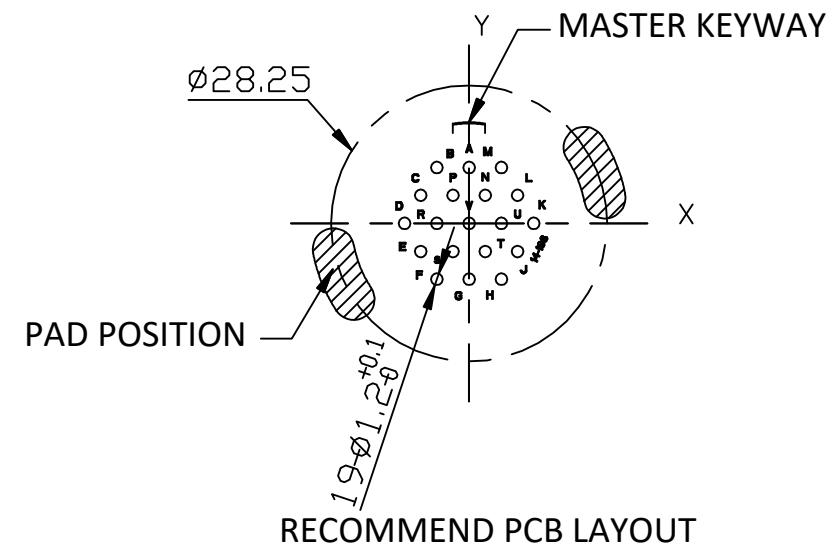
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	Jul-31-2019	Ronald	Tommy



MASTER KEYWAY



RECOMMEND MOUNTING HOLE



RECOMMEND PCB LAYOUT

Position number	X	Y
A	0.000	5.715
B	-3.302	5.715
C	-4.953	2.870
D	-6.604	0.000
E	-4.953	-2.870
F	-3.302	-5.715
G	0.000	-5.715
H	3.302	-5.715
J	4.953	-2.870
K	6.604	0.000
L	4.953	2.870
M	3.302	5.715
N	1.651	2.870
P	1.651	2.870
R	-3.302	0.000
S	-1.651	-2.870
T	1.651	-2.870
U	3.302	0.000
V	0.000	0.000

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.

2. SPECIFICATIONS:

2.1 RATED CURRENT: 7.5A (MAX).

2.2, RATED VOLTAGE: 250V (AC/DC).

2.3, OPERATING TEMPERATURE: -40C - 125C.

2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@1500 VOLTS AC.

2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.

2.6 IP--CLASS: IP67 AND IP69K IN THE MATED CONDITION.

2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.

2.8 RoHS COMPLIANT.

3. SUITABLE CONTACTS: 20# CONTACT

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

KEY	PART NUMBER
N	RTS714ND19S03
W	RTS714WD19S03
X	RTS714XD19S03
Y	RTS714YD19S03
Z	RTS714ZD19S03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric (mm).		DRAWN: Ronald	Jul-31-2019
2) Tolerances are as follows:		CHECKED: Martin	Jul-31-2019
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL: Tommy	Jul-31-2019
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		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:		NEXT ASS'Y:	
PROCESS SPECIFICATIONS:		SCALE: NONE	
Amphenol		Sine Systems - www.amphenol-sine.com	
44724 Morley Drive		Clinton Township, MI 48036	
ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, 19POS, SOCKET CONTACT, SIZE 14		SIZE: B TYPE: C- DWG NO: RTS714*D19S03 REVISION: A1	
SHEET 1		OF 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[RTS714ND19S03](#)