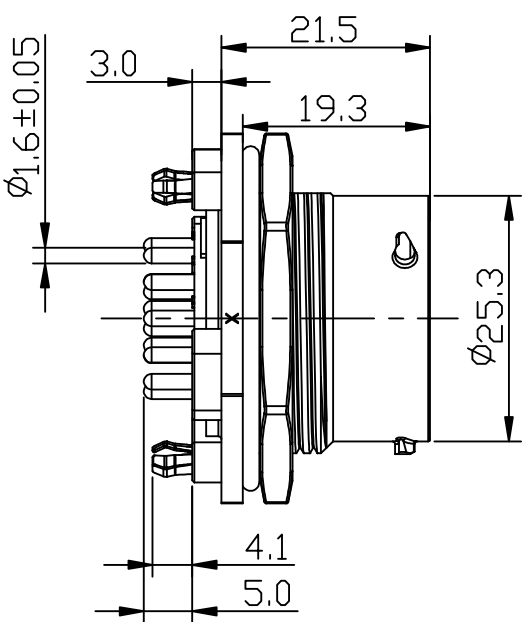
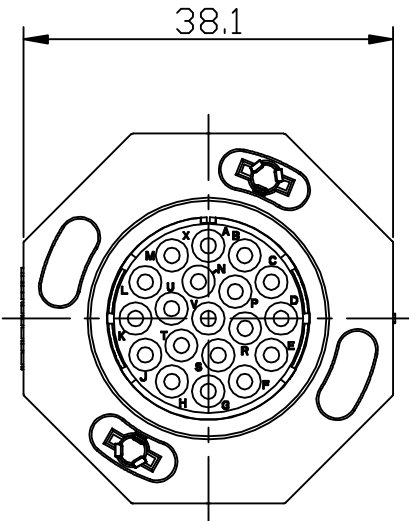
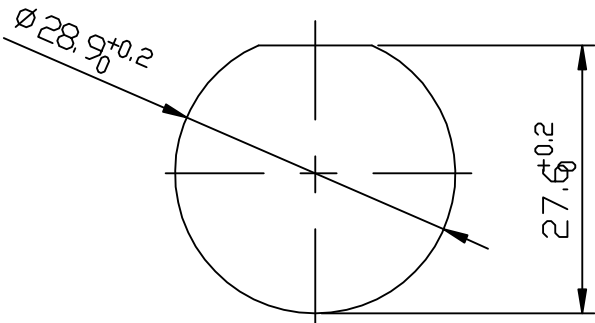
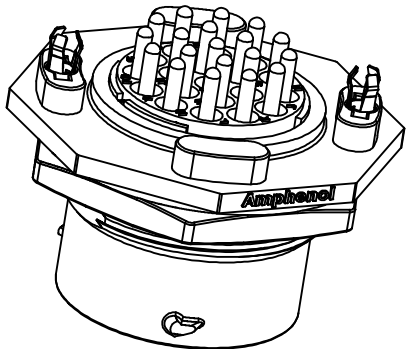
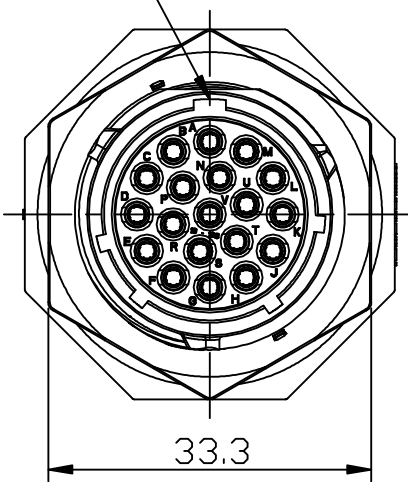


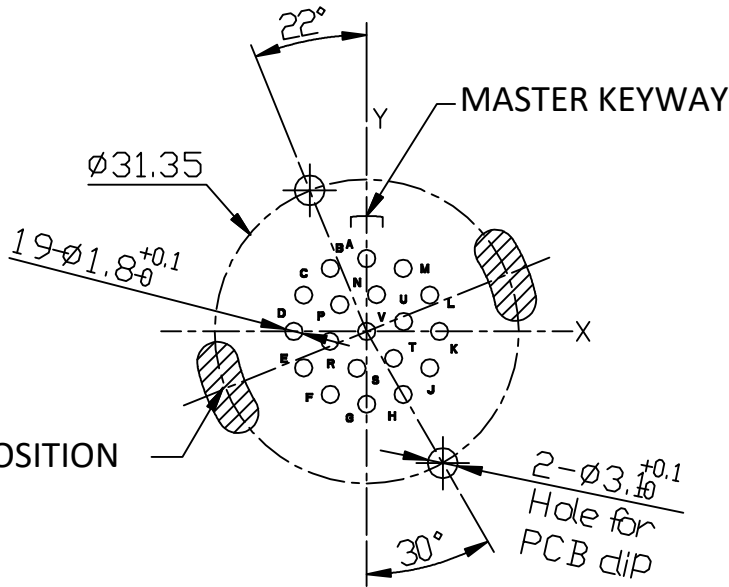
REVISIONS					
REV	ECD	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Jul-25-2019	Ronald	Tommy



MASTER KEYWAY



RECOMMEND MOUNTING HOLE



PAD POSITION

RECOMMEND PCB LAYOUT

Position number	X	Y
A	0.000	7.500
B	-3.750	6.495
C	-6.495	3.750
D	-7.500	0.000
E	-6.495	-3.750
F	-3.750	-6.495
G	0.000	-7.500
H	3.750	-6.495
J	6.495	-3.750
K	7.500	0.000
L	6.495	3.750
M	3.750	6.495
N	1.016	3.791
P	-2.775	2.775
R	-3.791	-1.016
S	-1.016	-3.791
T	2.775	-2.775
U	3.791	1.016
V	0.000	0.000

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

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

2. SPECIFICATIONS:

- 2.1 RATED CURRENT: MACHINED CONTACT 13A(MAX).
- 2.2 RATED VOLTAGE: 500V(AC/DC).
- 2.3 OPERATING TEMPERATURE: -40C - 125C.
- 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.
- 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.

KEY	PART NUMBER
N	RTS716ND19S0332
W	RTS716WD19S0332
X	RTS716XD19S0332
Y	RTS716YD19S0332
Z	RTS716ZD19S0332

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in metric(mm).			
2) Tolerances are as follows:			
1 PL DEC ±0.30			
2 PL DEC ±0.15			
3 PL DEC ±0.08			
3) Note reference = X			
SIGNATURES			
DATE			
DRAWN: Ronald			
JUL-25-2019			
CHECKED: Martin			
JUL-25-2019			
ENGINEER:			
APPROVAL: Tommy			
JUL-25-2019			
CUSTOMER:			
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MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASS'Y:			
Amphenol			
Sine Systems - www.amphenol-sine.com			
44724 Morley Drive			
Clinton Township, MI 48036			
ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, 19POS SOCKET CONTACT, DIPSOLDER, SIZE 16			
SIZE TYPE DWG NO: RTS716*D19S0332			
REVISION A1			
SCALE: NONE			
SHEET 1 OF 1			

Mouser Electronics

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