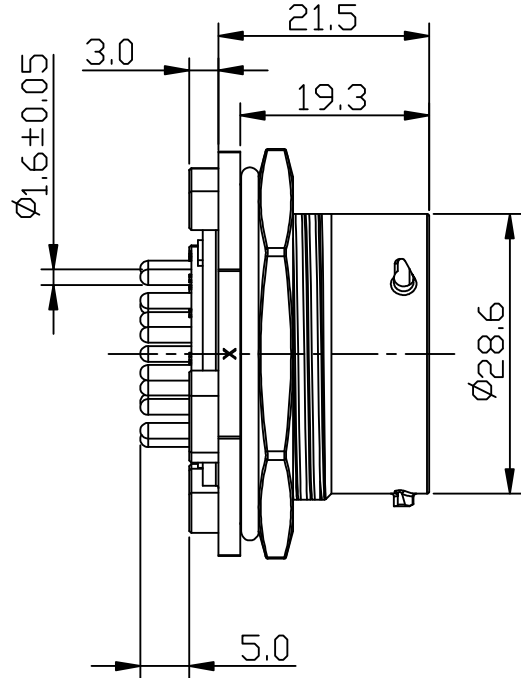
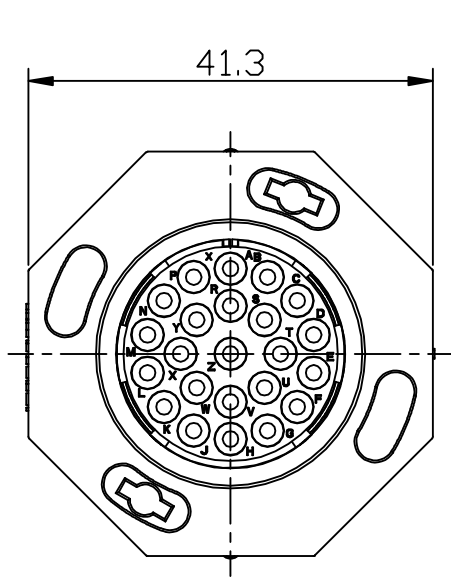
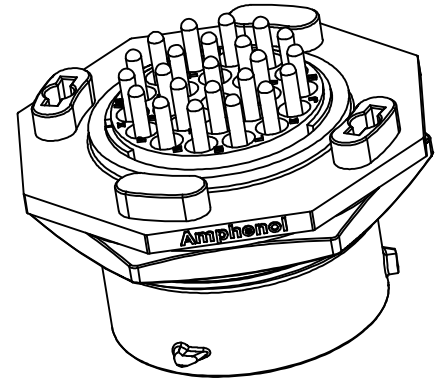
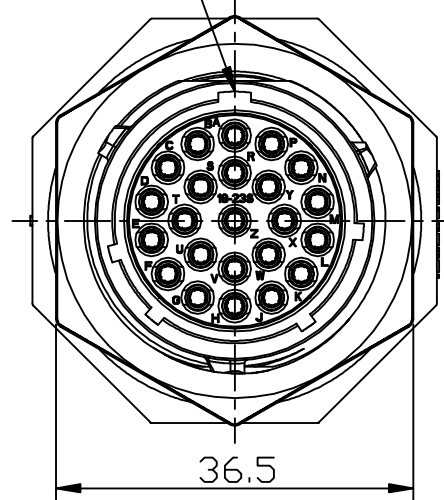


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Jul-25-2019	Ronald	Tommy



MASTER KEYWAY



Position number	X	Y
A	0.000	8.700
B	-3.775	7.838
C	-6.802	5.424
D	-8.482	1.936
E	-8.482	-1.936
F	-6.802	-5.424
G	-3.775	-7.838
H	0.000	-8.700
J	3.775	-7.838
K	6.802	-5.424
L	8.482	-1.936
M	8.482	1.936
N	6.802	5.424
P	3.775	7.838
R	0.000	4.900
S	-3.465	3.465
T	-5.100	0.000
U	-3.465	-3.465
V	0.000	-4.900
W	3.465	-3.465
X	5.100	0.000
Y	3.465	3.465
Z	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.

SEAL GASKET: NBR/SILICONE RUBBER.

JAM NUT: ALUMINIUM ALLOY, BLACK ANODIZING.

CONTACT: COPPER ALLOY, GOLD PLATED

2. SPECIFICATIONS:

2.1 RATED CURRENT: 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.

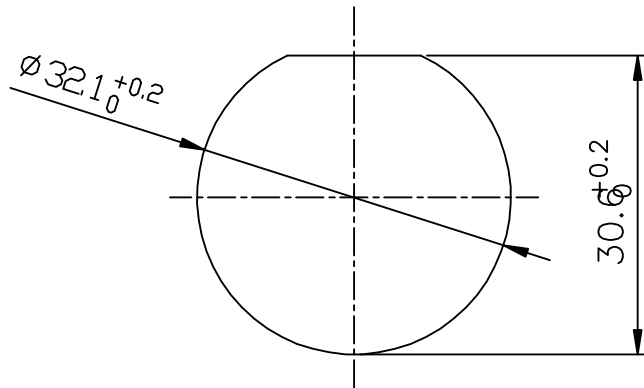
2.6 IP--CLASS: IP67 AND IP69K IN THE MATED CONDITION.

2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.

2.8 RoHS COMPLIANT.

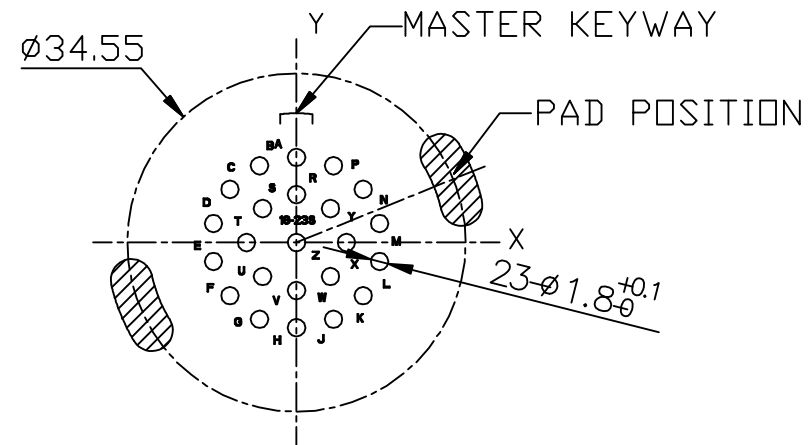
3. SUITABLE CONTACTS: 16# CONTACT.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



RECOMMEND MOUNTING HOLE

KEY	PART NUMBER
N	RTS718ND23S03
W	RTS718WD23S03
X	RTS718XD23S03
Y	RTS718YD23S03
Z	RTS718ZD23S03



RECOMMEND PCB LAYOUT

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 ±0.20			
2 PL DEC ±0.15			
3 PL DEC ±0.08			
3) Note reference =			
SIGNATURES			
DATE			
DRAWN: Ronald			
CHECKED: Martin			
ENGINEER:			
APPROVAL: Tommy			
CUSTOMER:			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASS'Y:			
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Amphenol			
Sine Systems - www.amphenol-sine.com			
44724 Morley Drive			
Clinton Township, MI 48036			
ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, SIZE 18, 23POS, SOCKET, DIP SOLDER			
SIZE			
TYPE			
DWG NO:			
RTS718*D23S03			
REVISION			
A1			
SCALE: NONE			
SHEET 1 OF 1			

Mouser Electronics

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