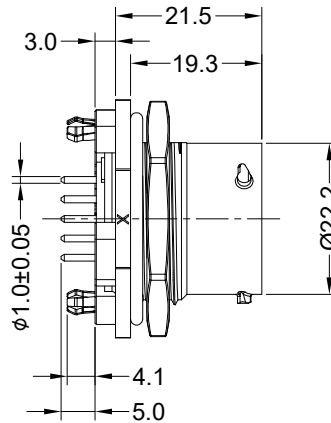
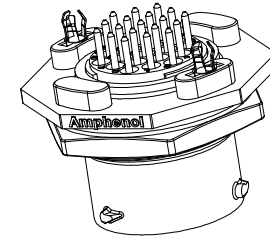
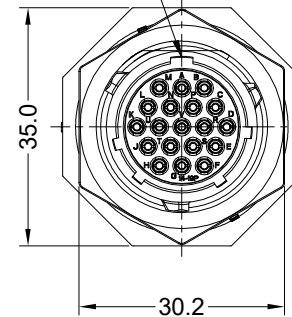


ADD GLUE IN SHADING AREAR



MASTER KEYWAY



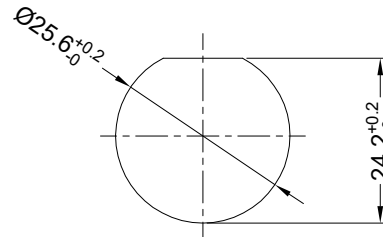
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

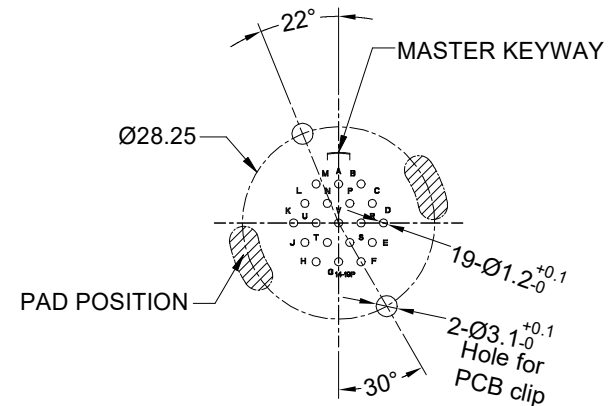
SHELL: THERMOPLASTIC, UL94 V-0.
INSERT: THERMOPLASTIC, UL94 V-0.
O-RING: SILICONE RUBBER.
SEAL GASKET: SILICONE RUBBER.
JAM NUT: ALUMINIUM ALLOY, BLACK ANODIZING.
CONTACT : COPPER ALLOY,GOLD PLATED.
CLIPS: COPPER ALLOY, TIN PLATED.

2. SPECIFICATIONS:

- 2.1, RATED CURRENT: MACHINED CONTACT 7.5A (MAX).
 - 2.2, RATED VOLTAGE: 250V(AC/DC).
 - 2.3, OPERATING TEMPERATURE: -40°C ~ 125°C.
 - 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, PANEL EXTERNAL.
 - 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.



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

KEY	PART NUMBER
N	RTS714ND19P0332
W	RTS714WD19P0332
X	RTS714XD19P0332
Y	RTS714YD19P0332
Z	RTS714ZD19P0332

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 ±0.09			
3) Note reference =			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSY:			
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SIGNATURES DATE			
DRAWN: JOE MAR-13-2025			
CHECKED: ORION MAR-13-2025			
ENGINEER:			
APPROVAL: TOMMY MAR-14-2025			
CUSTOMER:			
Sine Systems - www.amphenol-sine.com			
44724 Morley Drive			
Clinton Township, MI 48036			
EcoMate Aquarius, RECEPTACLE, JAM NUT, SIZE 14, 19POS, PIN			
SIZE TYPE DWG NO. REVISION			
B C- RTS714*D19P0332 A3			
SCALE: NONE SHEET 1 OF 1			

TITLE: EcoMate Aquarius, RECEPTACLE, JAM NUT, SIZE 14, 19POS, PIN
DWG NO: RTS714*D19P0332
REV: A3
SH: 1
OF: 1