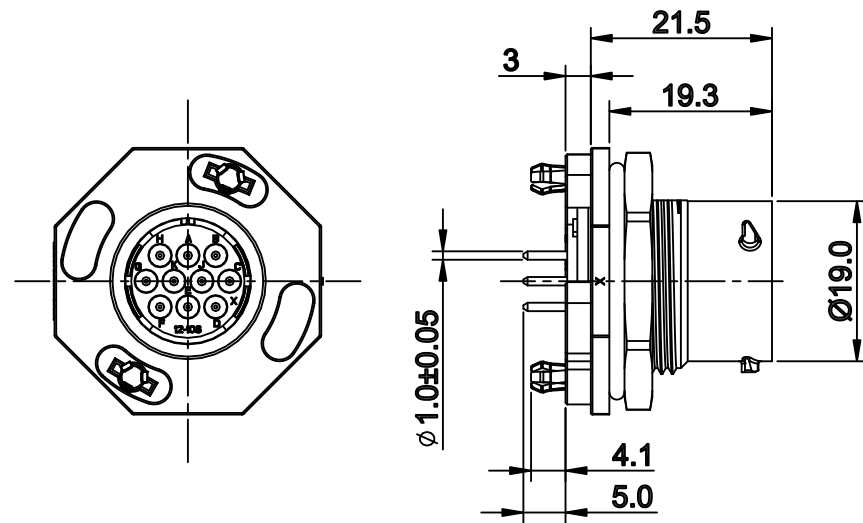
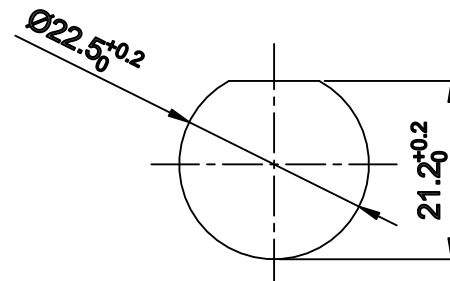
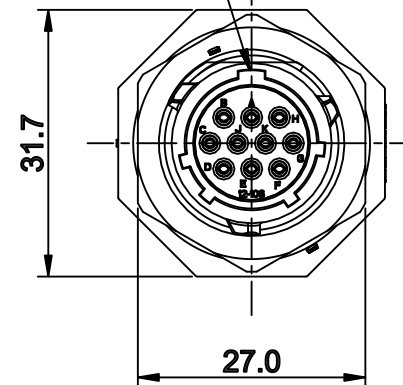


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:
SHELL: THERMOPLASTIC, UL94 V-0.
INSERT: THERMOPLASTIC, UL94 V-0.
O-RING: SILICONE RUBBER.
FIXED RUBBER: NBR
SEAL GASKET: 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 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.



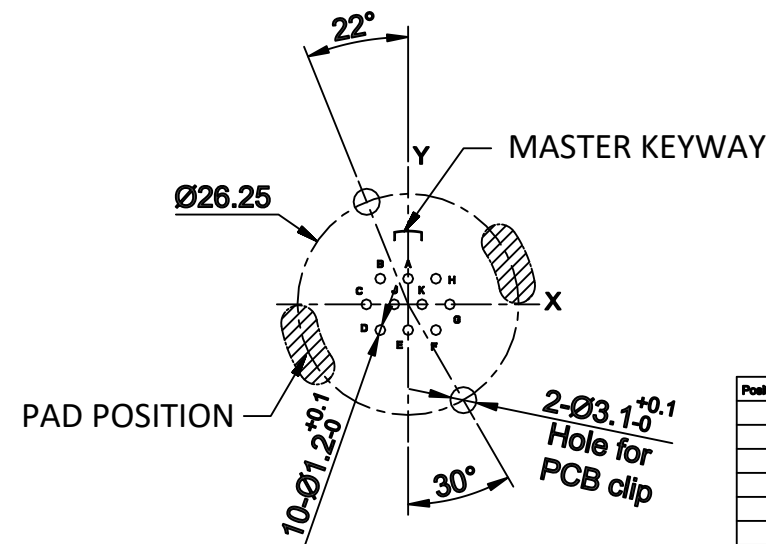
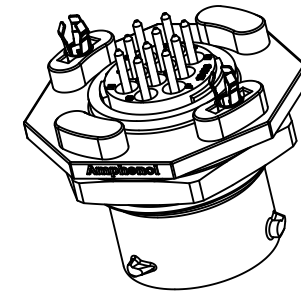
MASTER KEYWAY



RECOMMEND MOUNTING HOLE

KEY	PART NUMBER
N	RTS712ND10S0332
W	RTS712WD10S0332
X	RTS712XD10S0332
Y	RTS712YD10S0332
Z	RTS712ZD10S0332

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Jul-30-2019	Ronald	Tommy



RECOMMEND PCB LAYOUT

Position number	X	Y
A	0.000	3.050
B	-3.300	3.050
C	-4.950	0.000
D	-3.300	-3.050
E	0.000	-3.050
F	3.300	-3.050
G	4.950	0.000
H	3.300	3.050
J	-1.650	0.000
K	1.650	0.000

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 =			
SIGNATURES			
DATE			
DRAWN: Ronald Jul-30-2019			
CHECKED: Martin Jul-30-2019			
ENGINEER:			
APPROVAL: Tommy Jul-30-2019			
MATERIAL SPECIFICATIONS:			
CUSTOMER:			
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PROCESS SPECIFICATIONS:			
NEXT ASSY:			
Amphenol			
Sine Systems - www.amphenol-sine.com			
44724 Morley Drive			
Clinton Township, MI 48036			
ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, 10POS, SOCKET CONTACT, SIZE 12			
SIZE TYPE DWG NO: RTS712*D10S0332 REVISION A1			
SCALE: NONE SHEET 1 OF 1			