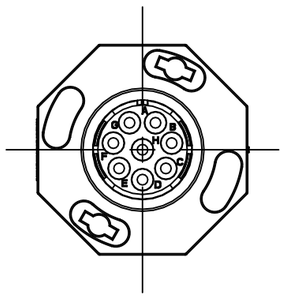
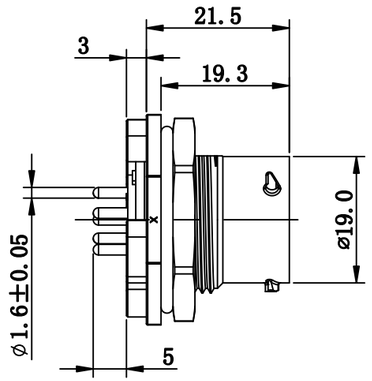
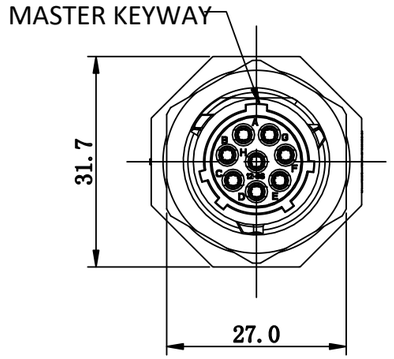
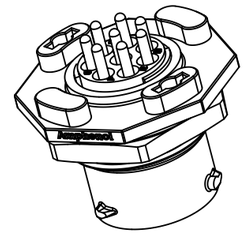
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	—	RELEASED DRAWING	Jul-30-2019	Zaki	Tommy

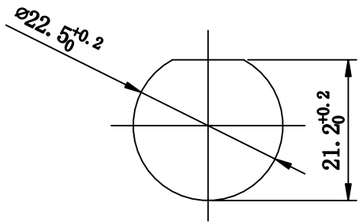




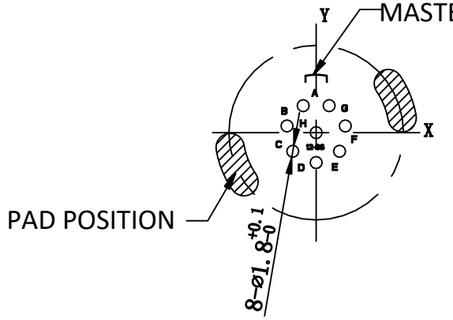




NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL:
   SHELL: THERMOPLASTIC, UL94 V-0.
   INSERT: THERMOPLASTIC, UL94 V-0.
   O-RING: SILICONE RUBBER.
   SEAL GASKET: SILICONE RUBBER.
   JAM NUT: ALUMINIUM ALLOY, BLACK ANODIZING.
   CONTACT: COPPER ALLOY,GOLD PLATED.
   CLIPS: COPPER ALLOY, TIN PLATED.
2. SPECIFICATIONS:
   2.1 RATED CURRENT: 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



RECOMMEND PCB LAYOUT

Position number	X	Y
A	-1.952	4.055
B	-4.387	1.002
C	-3.518	-2.805
D	0.000	-4.500
E	3.518	-2.806
F	4.387	1.001
G	1.952	4.054
H	0.000	0.000

KEY	PART NUMBER
N	RTS712ND8S03
W	RTS712WD8S03
X	RTS712XD8S03
Y	RTS712YD8S03
Z	RTS712ZD8S03

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X
MATERIAL SPECIFICATIONS:
PROCESS SPECIFICATIONS:
NEXT ASSY:

SIGNATURES		DATE
DRAWN:	Zaki	Jul-30-2019
CHECKED:	Martin	Jul-30-2019
ENGINEER:		
APPROVAL:	Tommy	Jul-30-2019
CUSTOMER:		

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, 8POS, SOCKET CONTACT, SIZE 12

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS712*D8S03	A1

SCALE: NONE SHEET 1 OF 1

TITLE: ECO-MATE, RECEPTACLE, JAM NUT, 8POS, SOCKET CONTACT, SIZE 12
DWG NO: RTS712*D8S03
REV: A1
SH: 1
QT: 1