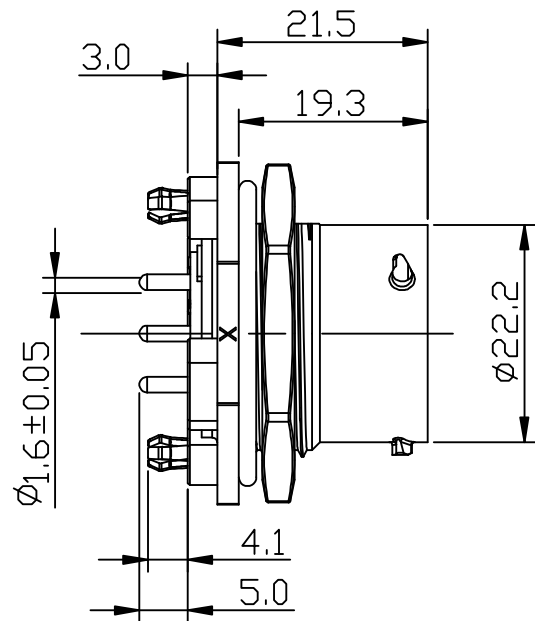
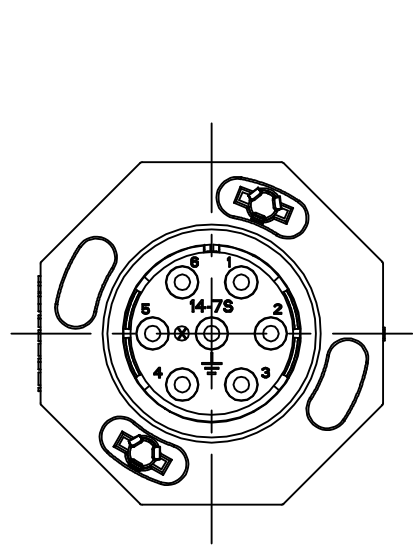
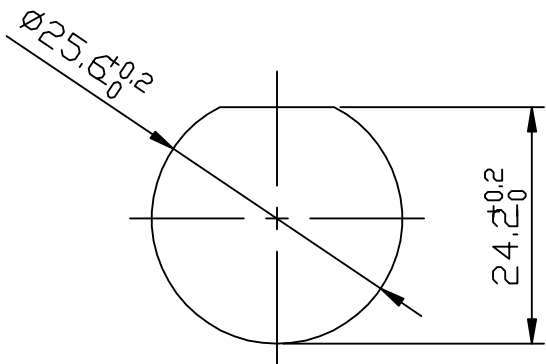
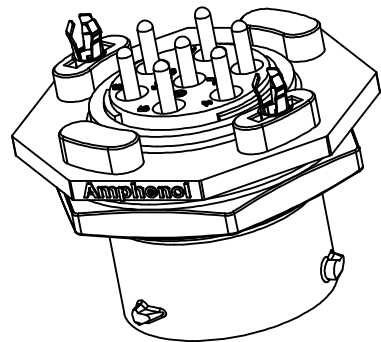
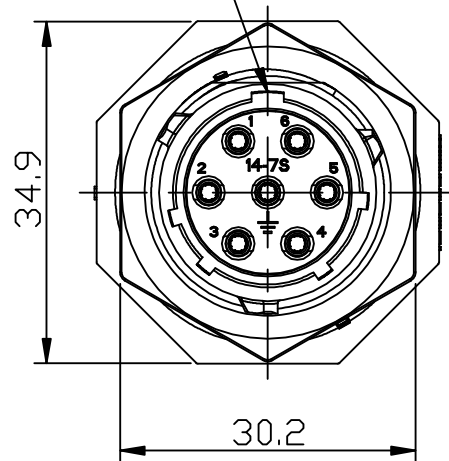


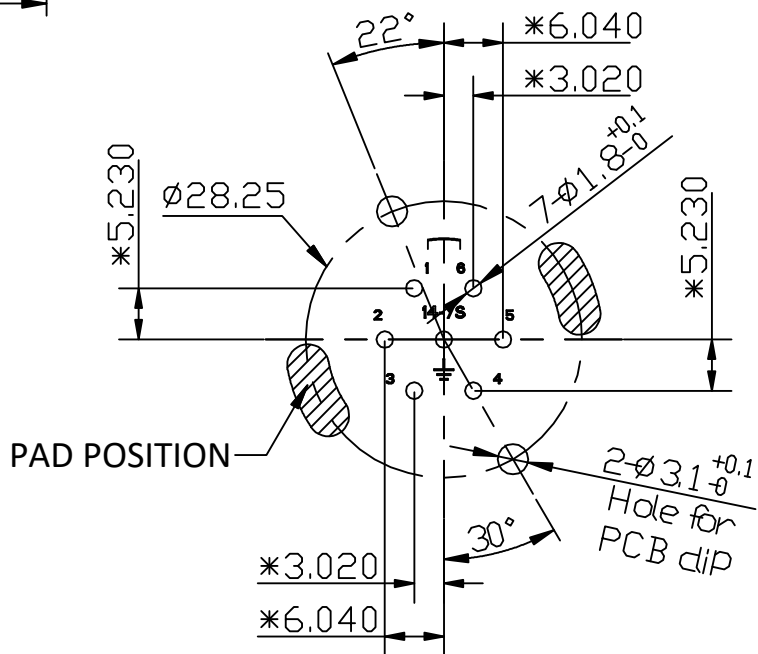
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASED	Jul-30-2019	Ronald	Tommy



MASTER KEYWAY



RECOMMEND MOUNTING HOLE



PAD POSITION

RECOMMEND PCB LAYOUT

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.

LOCKING POSTS: 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.

KEY	PART NUMBER
N	RTS714ND7S0332
W	RTS714WD7S0332
X	RTS714XD7S0332
Y	RTS714YD7S0332
Z	RTS714ZD7S0332

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 DRAWN: Ronald CHECKED: Martin ENGINEER: APPROVAL: Tommy MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASS'Y:	DATE Jul-30-2019 Jul-30-2019 Jul-30-2019
		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
		ECOMATE® AQUARIUS™, RECEPTACLE, JAM NUT, 7POS, SOCKET CONTACT, DIPSOLDER, SIZE 14	
SIZE B	TYPE C-	DWG NO: RTS714*D7S0332	REVISION A1
SCALE NONE	SHEET 1 OF 1		