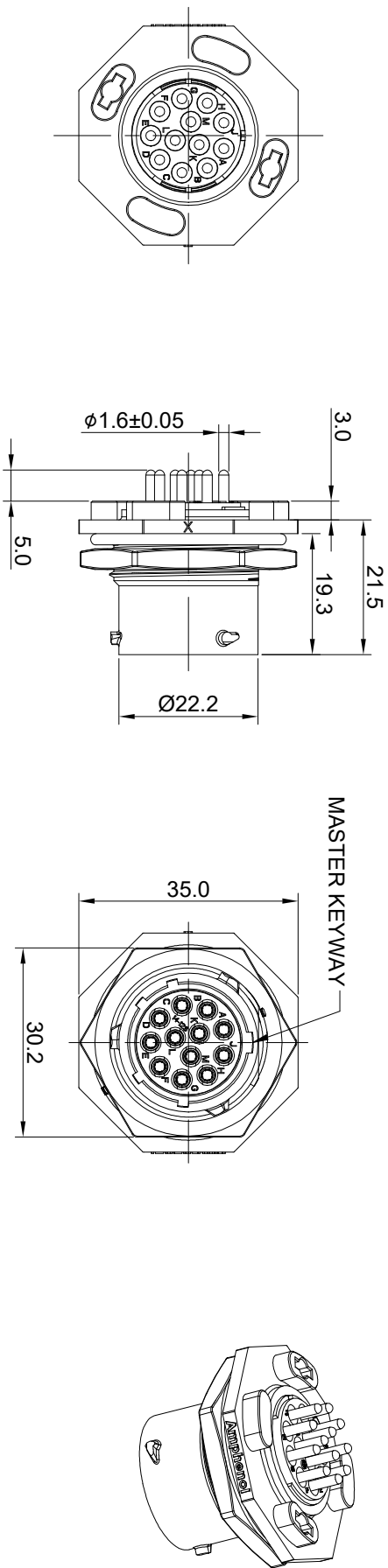


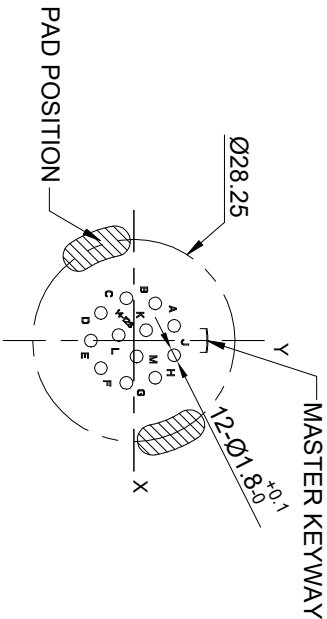
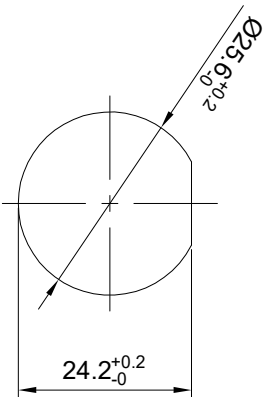
REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY
A1	-	FIRST RELEASED	Jul-31-2019	Ronald



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.
2. SPECIFICATIONS:
2.1, RATED CURRENT: 13A (MAX).
2.2, RATED VOLTAGE: 500V(AC/DC).
2.3, OPERATING TEMPERATURE: -40°C ~ 125°C.
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,
PANEL EXTERNAL.
- 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	-2.052	5.638
B	-5.196	3.000
C	-5.909	-1.042
D	-3.857	-4.596
E	0.000	-6.000
F	3.857	-4.596
G	5.909	-1.042
H	5.196	3.000
J	2.052	5.638
K	-1.446	1.724
L	-0.769	-2.114
M	2.215	0.391

KEY	PART NUMBER
N	RTS714ND12S03
W	RTS714WD12S03
X	RTS714XD12S03
Y	RTS714YD12S03
Z	RTS714ZD12S03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in mm (in parentheses)		DESIGN	DATE
2) Tolerances are as follows:		Ronald	Jul-31-2019
3) Note reference = A		Checked	Jul-31-2019
4) Material specifications:		Engineer	Jul-31-2019
5) Process specifications:		Approval	Jul-31-2019
6) Next assembly:		Customer	Jul-31-2019
7) ECO-MATE RECEPTACLE, JAM NUT, 12POS, SOCKET CONTACT, DIP SOLDER, SIZE 14		Site Systems - www.amphenol-sine.com	44724 Motley Drive
8) Dimensions are subject to normal manufacturing variations		Chilton Township, MI 48036	