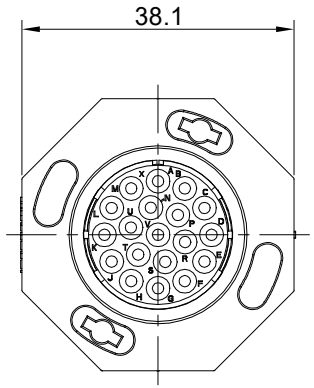
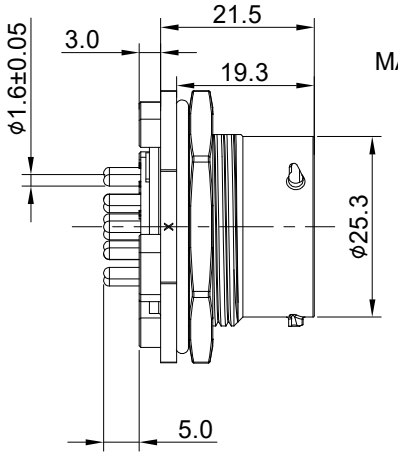
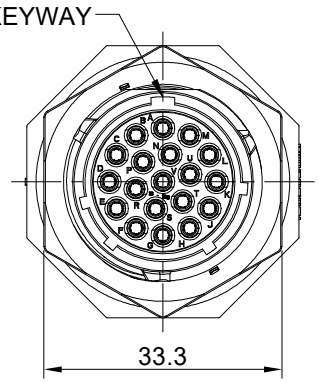
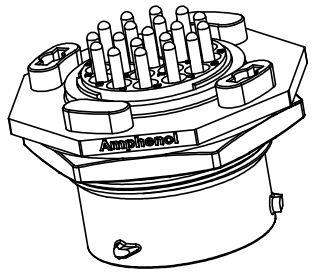
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASED DRAWING	Jul-25-2019	Ronald	Tommy



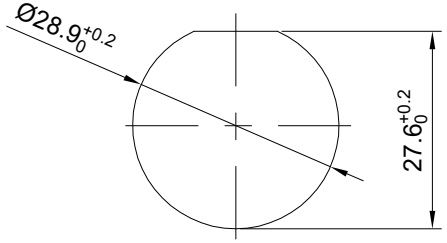




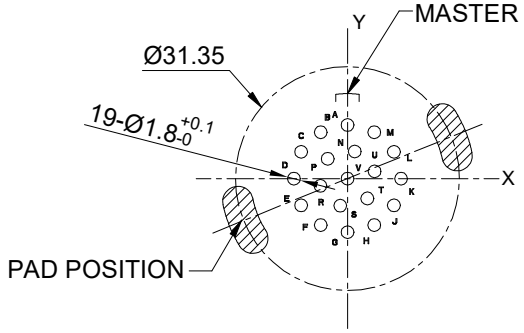


NOTES: (UNLESS OTHERWISE SPECIFIED)

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.
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	0.000	7.500
B	-3.750	6.495
C	-6.495	3.750
D	-7.500	0.000
E	-6.495	-3.750
F	-3.750	-6.495
G	0.000	-7.500
H	3.750	-6.495
J	6.495	-3.750
K	7.500	0.000
L	6.495	3.750
M	3.750	6.495
N	1.016	3.791
P	-2.775	2.775
R	-3.791	-1.016
S	-1.016	-3.791
T	2.775	-2.775
U	3.791	1.016
V	0.000	0.000

KEY	PART NUMBER
N	RTS716ND19S03
W	RTS716WD19S03
X	RTS716XD19S03
Y	RTS716YD19S03
Z	RTS716ZD19S03

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 ASS'Y:

SIGNATURES		DATE
DRAWN:	Ronald	Jul-25-2019
CHECKED:	Martin	Jul-25-2019
ENGINEER:		
APPROVAL:	Tommy	Jul-25-2019
CUSTOMER:		

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Amphenol

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

RECEPTACLE,JAM NUT,19POS
SOCKET CONTACT,DIPSOLDER,SIZE 16

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTS716*D19S03	A1

SCALE: NONE | RTS716*D19S03 | SHEET 1 OF 1

TITLE: RECEPTACLE,JAM NUT,19POS,SOCKET CONTACT,DIPSOLDER,SIZE 16
DWG NO: RTS716*D19S03
REV: A1
SH: 1
OF: 1