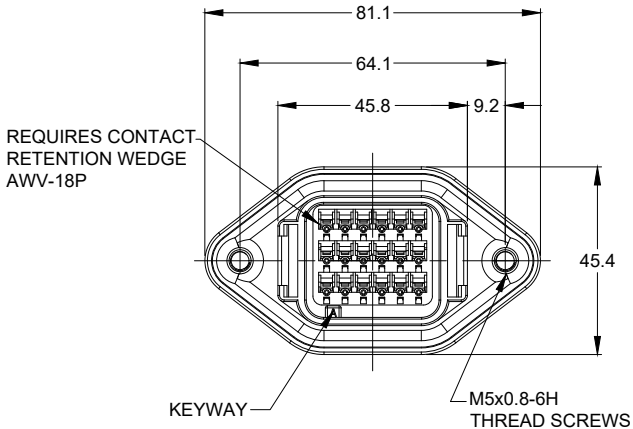


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER, COLOR: YELLOW

3. MODIFICATIONS: FLANGE MOUNT
REDUCED DIAMETER WIRE SEAL

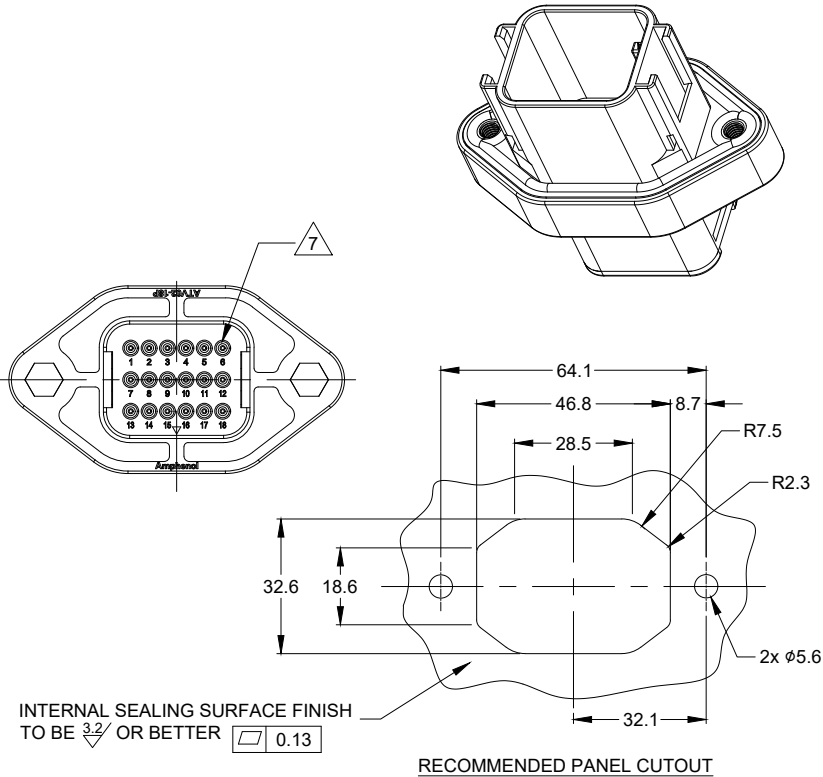
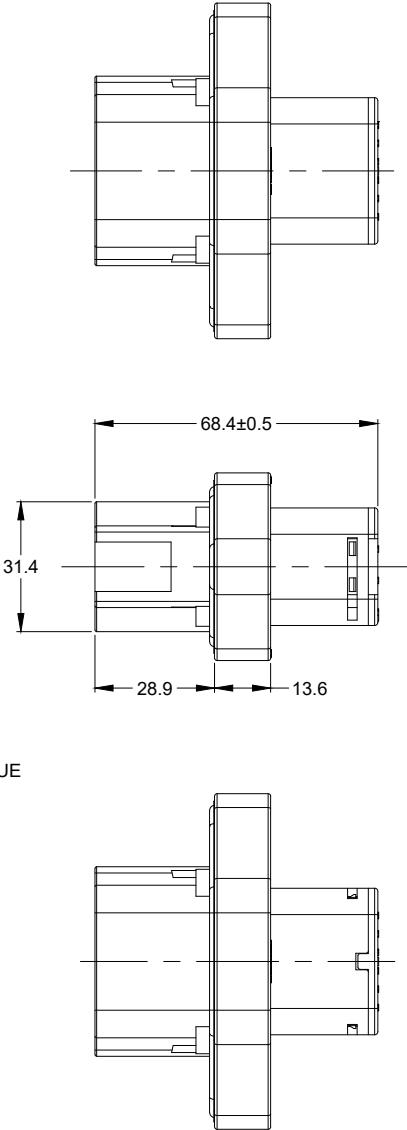
4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°.
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: ATV06-18SX* PLUG
(X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.12 mm (.044 in)	2.31 mm (.090 in)	16 - 22 AWG



SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:	RIMON,MA	03MAY18
2) Tolerances are as follows:		CHECKED:	ORION,LI	03MAY18
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL:	TOMMY,XIE	03MAY18
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = $\triangle$		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
MATERIAL SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
PROCESS SPECIFICATIONS:		RECEPTACLE, FLANGE, 18 PIN, ATV SERIES REDUCED DIA. WIRE SEAL		
NEXT ASSY:		SIZE	TYPE	DWG NO:
		B	C-	ATV02-18PX-RR01
		SCALE:	NONE	
		SHEET 1		OF 2

TITLE: RECEPTACLE, FLANGE, 18 PIN, REDUCED DIA. WIRE SEAL, ATV SERIES

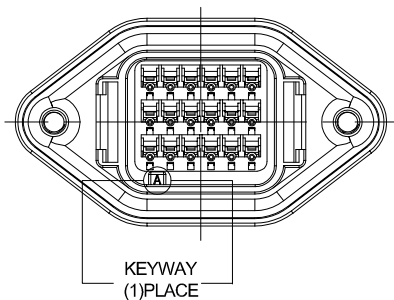
DWG NO: ATV02-18PX-RR01

REV: A1

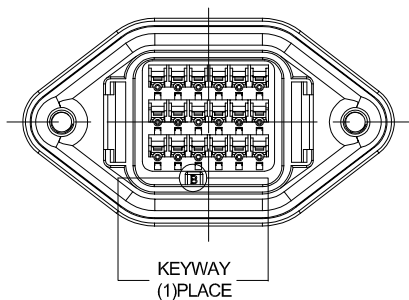
SH: 1

OF: 2

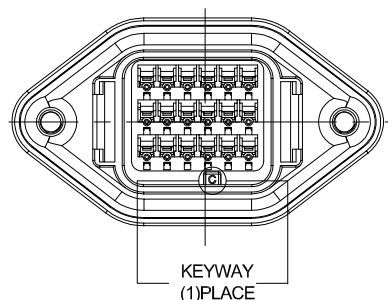
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



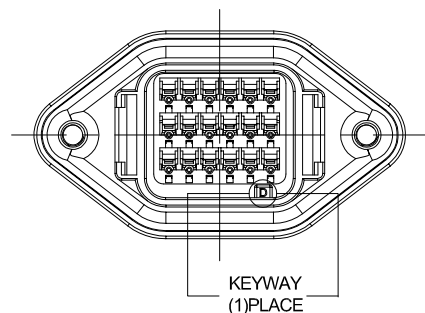
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV02-18PA-RR01



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV02-18PB-RR01



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV02-18PC-RR01



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV02-18PD-RR01

	SEE SHEET 2				
	PART NUMBER		DESCRIPTION		ITEM
QUANTITY					
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric (mm).		DRAWN: RIMON/LIA		03MAY18	
2) Tolerances are as follows:		CHECKED: ORION/LI		03MAY18	
1 PL DEC ± 0.30		ENGINEER:			
2 PL DEC ± 0.15		APPROVAL: TOMMY.XIE		03MAY18	
3 PL DEC ± 0.08		CUSTOMER:			
3) Note reference = 		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.			
MATERIAL SPECIFICATIONS:					
PROCESS SPECIFICATIONS:					
NEXT ASSY:					

Amphenol	
Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
RECEPTACLE, FLANGE, 18 PIN, ATV SERIES REDUCED DIA. WIRE SEAL	
SIZE	TYPE
B	C-
SCALE:	NONE
DWG NO:	ATV02-18PX-RR01
REVISION	A1
SHEET	2 OF 2

TITLE: REDUCED DIA. WIRE SEAL
DWG NO.: ATV02-18PX-RR01
REV: A1
SH: 2
OF: 2