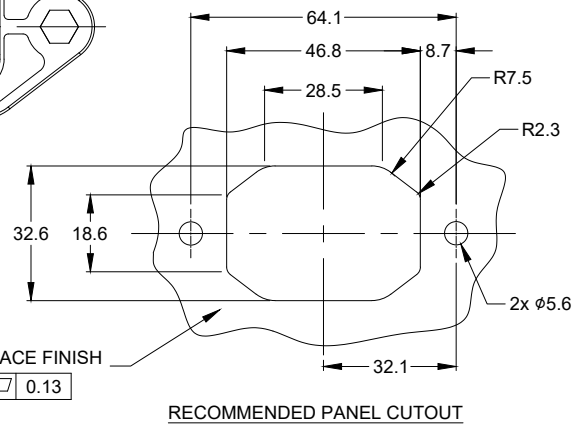
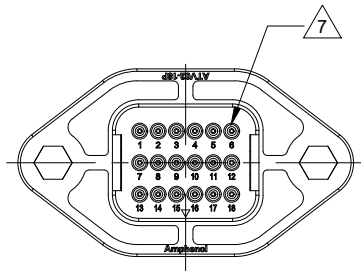
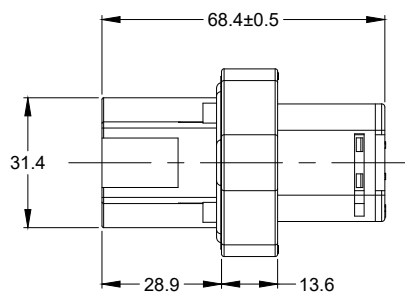
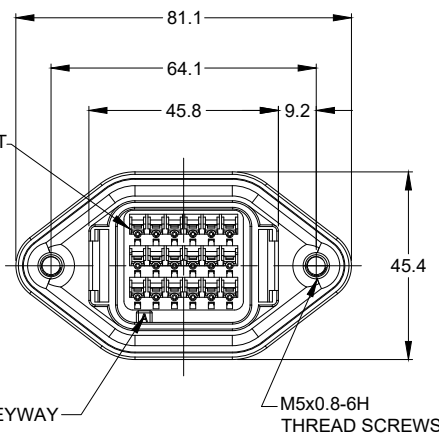


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



INTERNAL SEALING SURFACE FINISH TO BE $\nabla 3.2$ OR BETTER $\square 0.13$

RECOMMENDED PANEL CUTOUT

REQUIRES CONTACT RETENTION WEDGE AWW-18P

KEYWAY

M5x0.8-6H THREAD SCREWS

NOTES: UNLESS OTHERWISE SPECIFIED

RECOMMENDED TORQUE VALUES: 1.5-2.0 N.m

- SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER, COLOR: YELLOW
- MODIFICATIONS: FLANGE MOUNT
REDUCED DIAMETER WIRE SEAL
- 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
- MATING PART: ATV06-18SX* PLUG
(X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

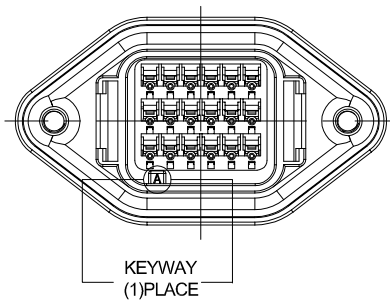
$\nabla 7$ CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

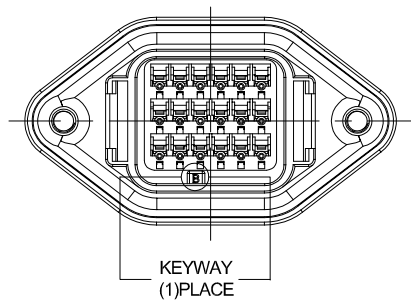
TITLE: RECEPTACLE FLANGE, 18 PIN, REDUCED DIA. WIRE SEAL, ATV SERIES
DWG NO.: ATV02-18PX-RR01
REV: A1
SH: 1
OF: 2

SEE SHEET 2	DESCRIPTION		ITEM
PART NUMBER	DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
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	DRAWN: RIMON,MA	03MAY18	
	CHECKED: ORION,LI	03MAY18	
	APPROVAL: TOMMY,XIE	03MAY18	
MATERIAL SPECIFICATIONS:	CUSTOMER:		RECEPTACLE, FLANGE, 18 PIN, ATV SERIES REDUCED DIA. WIRE SEAL
PROCESS SPECIFICATIONS:	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.		SCALE: NONE
NEXT ASSY:	SIZE: B C-	DWG NO.: ATV02-18PX-RR01	REVISION: A1
	SHEET 1 OF 2		

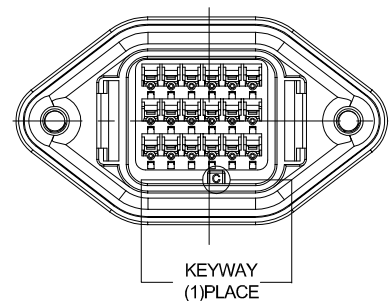
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



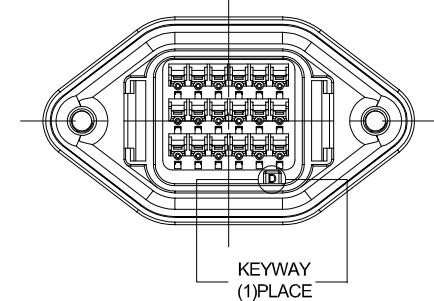
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV02-18PA-RR01



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		DESCRIPTION		ITEM
QUANTITY	PART NUMBER			
<p>UNLESS OTHERWISE SPECIFIED</p> <p>1) All dimensions are in metric (mm).</p> <p>2) Tolerances are as follows:</p> <p>1 PL DEC ±0.30 Fractions ±1/64</p> <p>2 PL DEC ±0.15 Angles ±1°</p> <p>3 PL DEC ±0.08</p> <p>3) Note reference = </p>				
SIGNATURES		DATE		
DRAWN: RIMON,MA		03MAY18		
CHECKED: ORION,LI		03MAY18		
ENGINEER:				
APPROVAL: TOMMY,XIE		03MAY18		
MATERIAL SPECIFICATIONS:		CUSTOMER:		
PROCESS SPECIFICATIONS:		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.		
NEXT ASSY:		SCALE: NONE		
		SIZE	TYPE	DWG NO:
		B	C-	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