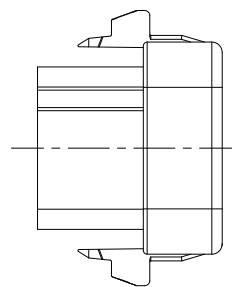
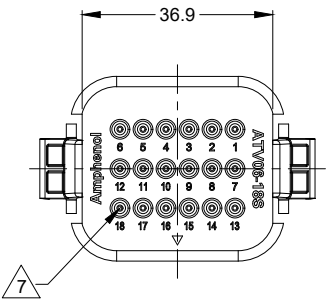
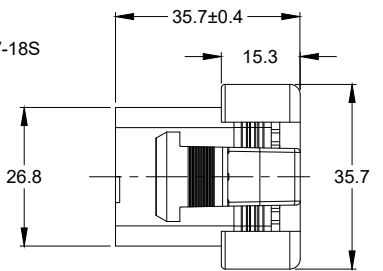
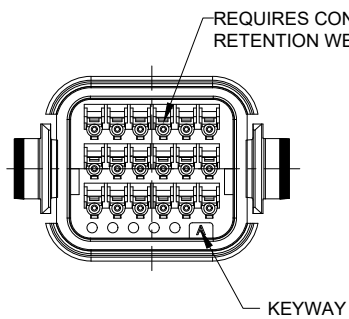
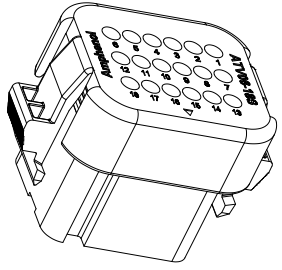
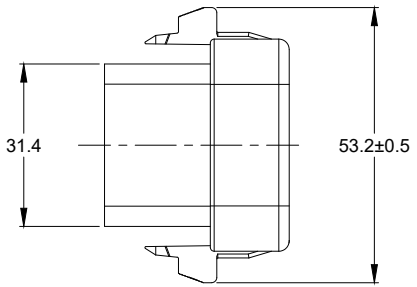


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER , COLOR: YELLOW
- MODIFICATIONS: REDUCED DIAMETER WIRE SEAL
- SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C.
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT
- MATING PART: ATV02-18PX* RECEPTACLE & ATV04-18PX* RECEPTACLE (X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)
- 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		DESCRIPTION		ITEM
QUANTITY		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		SIGNATURES DATE DRAWN: RIMON,MA 08JAN18 CHECKED: ORION,LI 08JAN18 ENGINEER: APPROVAL: TOMMY,XIE 08JAN18		
MATERIAL SPECIFICATIONS:		CUSTOMER: 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.		
PROCESS SPECIFICATIONS:		SCALE: NONE		
NEXT ASSY:		SHEET 1 OF 2		

Amphenol

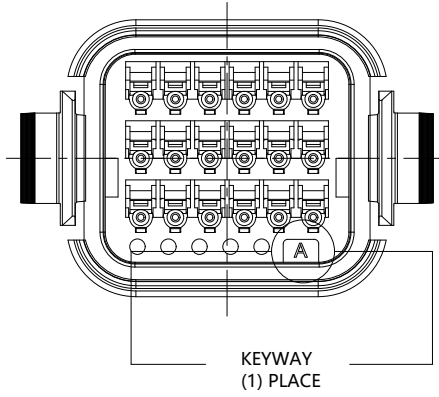
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

**PLUG, 18 PIN, ATV SERIES
REDUCED DIAMETER WIRE SEAL**

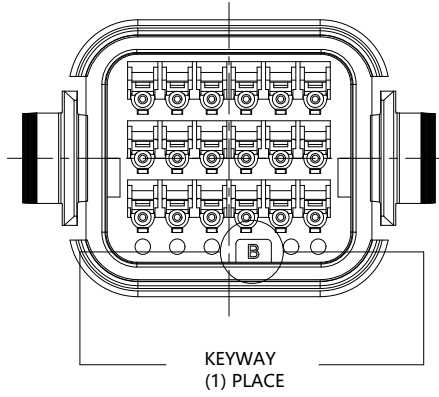
SIZE: **B C-** DWG NO: **ATV06-18SX-RR01** REVISION: **A1**

TITLE: PLUG, 18 PIN, ATV SERIES, REDUCED DIAMETER WIRE SEAL DWG NO: ATV06-18SX-RR01 REV: A1 SH: 1 OF: 2

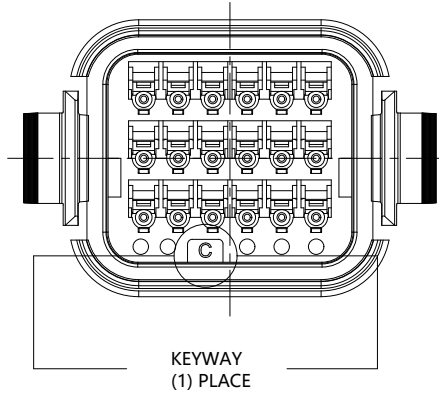
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY



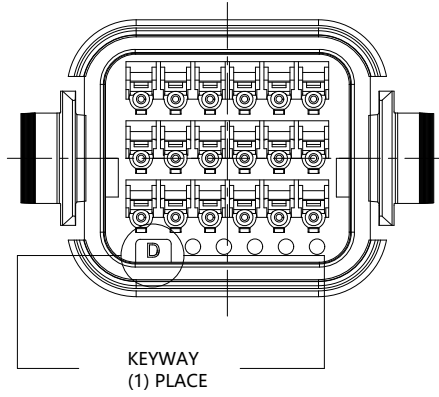
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV06-18SA-RR01



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV06-18SB-RR01



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV06-18SC-RR01



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV06-18SD-RR01

TITLE: PLUG, 18 PIN, ATV SERIES, REDUCED DIAMETER WIRE SEAL
 DWG NO.: ATV06-18SX-RR01
 REV: A1
 SH: 2
 OF: 2

SEE SHEET 2	DESCRIPTION		ITEM
PART NUMBER	DESCRIPTION		
QUANTITY	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 =	SIGNATURES	DATE	<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>PLUG, 18 PIN, ATV SERIES REDUCED DIAMETER WIRE SEAL</p>
	DRAWN: RIMON.MA	03JAN18	
	CHECKED: ORION.LI	03JAN18	
	APPROVAL: TOMMY.XIE	03JAN18	
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:	SIZE: B C-	DWG NO.: ATV06-18SX-RR01	REVISION: A1
	SCALE: NONE	SHEET 2 OF 2	