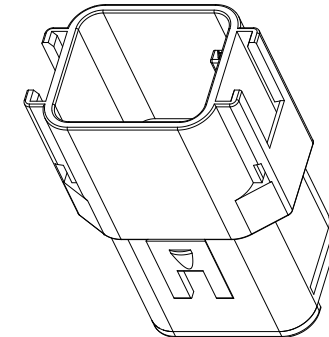
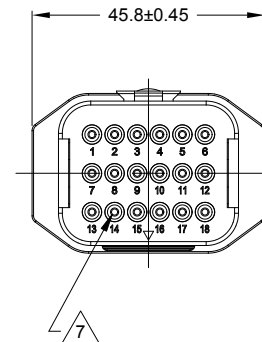
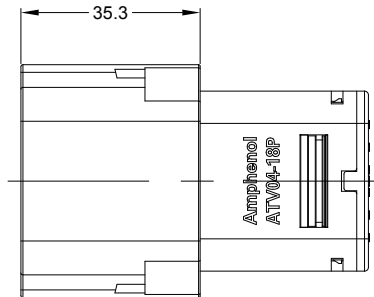
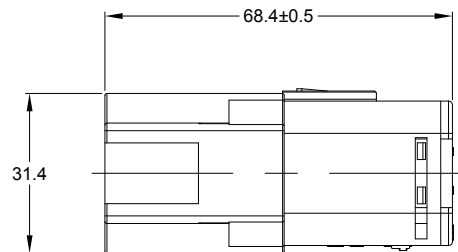
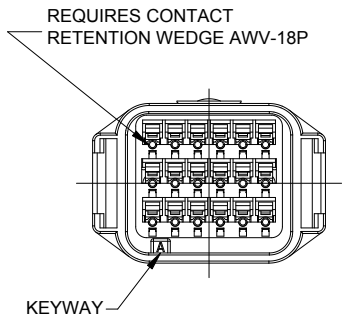


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY




NOTES: UNLESS OTHERWISE SPECIFIED

- SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER, COLOR: RED
- MODIFICATIONS: IN LINE  
STANDARD 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.  
A2 4.5 MOISTURE RESISTANCE: IP67&IP69K ( 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.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.23 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
<b>UNLESS OTHERWISE SPECIFIED</b> 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 	<b>SIGNATURES</b>		<b>DATE</b>	
	DRAWN: SULENZHANG		19FEB19	
	CHECKED: ORIONLI		19FEB19	
	ENGINEER:			
	APPROVAL: TOMMYXIE		19FEB19	
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		SHEET 1 OF 2	

<b>Amphenol</b>	
Sine Systems - www.amphenol-sine.com	
44724 Morley Drive	
Clinton Township, MI 48036	
RECEPTACLE, IN LINE, 18 PIN, ATV SERIES	
STANDARD DIAMETER WIRE SEAL	
SIZE B	TYPE C-
DWG NO. ATV04-18PX	
REVISION A2	

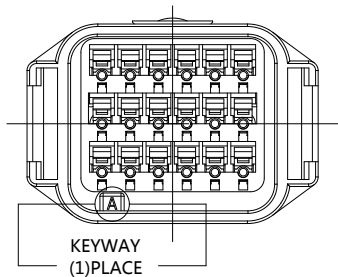
**Amphenol**

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

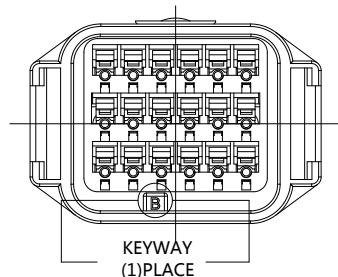
RECEPTACLE, IN LINE, 18 PIN, ATV SERIES  
STANDARD DIAMETER WIRE SEAL

SIZE	TYPE	DWG NO.	REVISION
B	C-	ATV04-18PX	A2

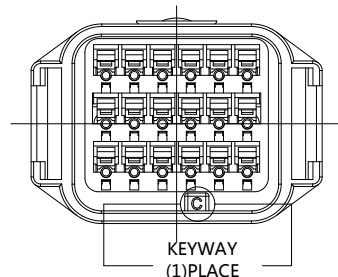
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	25MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY



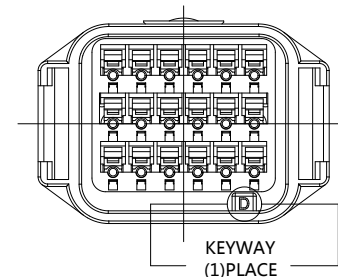
KEY-A CONFIGURATION	
COLOR	PART NUMBER
GREY	ATV04-18PA



KEY-B CONFIGURATION	
COLOR	PART NUMBER
BLACK	ATV04-18PB



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREEN	ATV04-18PC



KEY-D CONFIGURATION	
COLOR	PART NUMBER
BROWN	ATV04-18PD

SEE CONFIGURATION CHART				
PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
<b>UNLESS OTHERWISE SPECIFIED</b> 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC $\pm 0.30$ 2 PL DEC $\pm 0.15$ 3 PL DEC $\pm 0.08$ 3) Note reference =		<b>SIGNATURES</b> DRAWN: <b>SULLENZHANG</b> CHECKED: <b>ORIONLI</b> ENGINEER: APPROVAL: <b>TOMMYXIE</b>		<b>DATE</b> 19FEB19 19FEB19 19FEB19
MATERIAL SPECIFICATIONS:		CUSTOMER:		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
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:				
		<b>SIZE</b> <b>B C-</b>	<b>TYPE</b> NONE	<b>DWG NO.</b> <b>ATV04-18PX</b>
				<b>REVISION</b> <b>A2</b>
		SHEET 2 OF 2		

# Mouser Electronics

Authorized Distributor

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