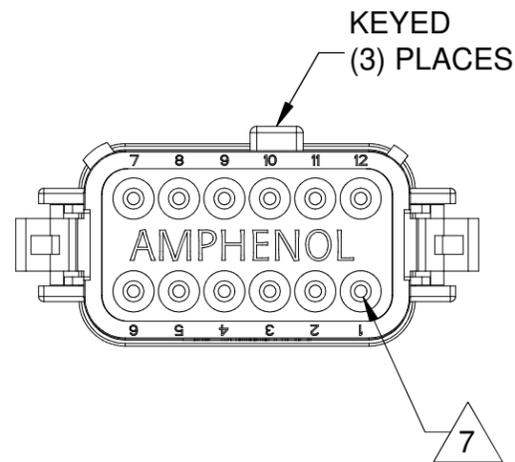
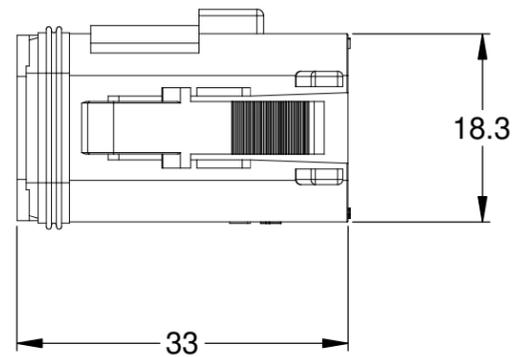
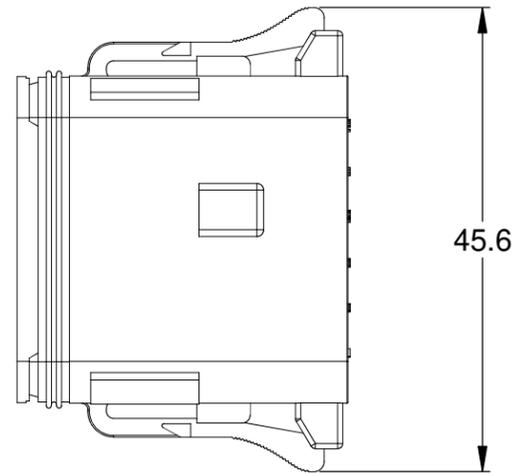
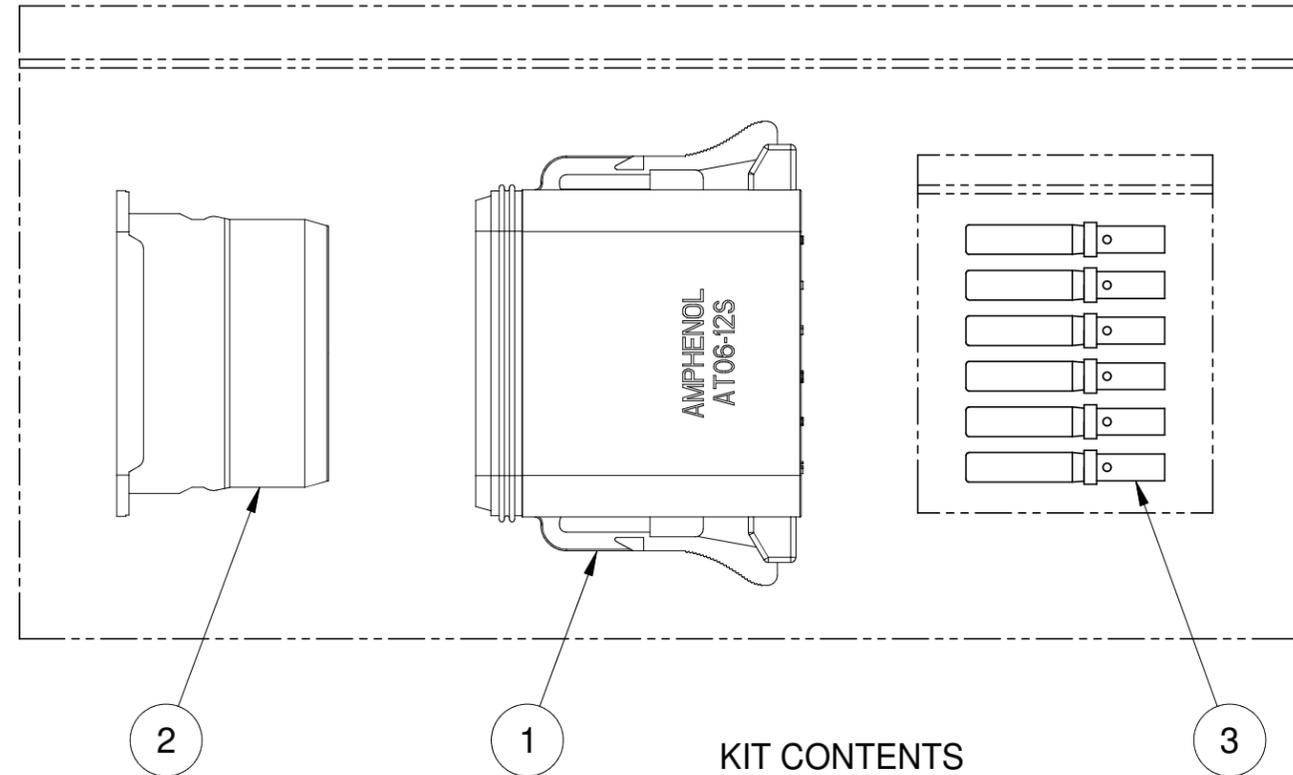


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	19SEP13	DRP	



REFERENCE DIMENSIONS - ASSEMBLED



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; COLOR: GREY  
 WEDGELOCK: THERMOPLASTIC; COLOR: GREEN  
 SEALS: SILICONE RUBBER  
 CONTACTS: COPPER ALLOY; NICKEL PLATED

2. SPECIFICATIONS:

- 2.1 CURRENT RATING: 13 AMPS
- 2.2 OPERATING TEMPERATURE: -55°C TO +125°C
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
- 2.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
- 2.5 CONTACT MILLIVOLT DROP: 60 MILLIVOLT DROP @ 13 AMP TEST CURRENT.
- 2.6 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )
- 2.7 CONNECTOR MATING CYCLE DURABILITY: 100 CYCLES

- 3. MATING PART: AT04-12PA\* RECEPTACLE (\* = MODIFICATIONS AND COLORS)
- 4. AVAILABLE HAND CRIMPER: CA-5D12
- 5. ALL COMPONENTS ARE RoHS COMPLIANT.
- 6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 WIRE RANGE OF CONTACTS INCLUDED IN KIT: 16 - 20 AWG

8 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL. O.D.	MAX. INSUL. O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
12	AT62-201-16141	CONTACT, SOCKET, SOLID, SIZE 16, 16 - 20 AWG	3
1	AW12S	S-WEDGELOCK, 12 POSITION, AT SERIES	2
1	AT06-12SA	PLUG, 12 SOCKET, AT SERIES	1

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED 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 Fractions ±1/64 Angles ±1° 3) Note reference = X		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL:	DATE 19SEP13	<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com          44724 Morley Drive          Clinton Township, MI 48036</p> <p>KIT, AT SERIES, 12 POSITION PLUG, CONTACTS, AND WEDGELOCK</p>
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		SIZE: B C- DWG NO: AT06-12SA-KIT01 REVISION: A	
NEXT ASSY:	SHEET 1 OF 1			

TITLE: KIT, AT SERIES, 12 POS. PLUG, CONTACTS, AND WEDGELOCK  
 DWG NO: AT06-12SA-KIT01  
 REV: A  
 SH: 1  
 OF: 1