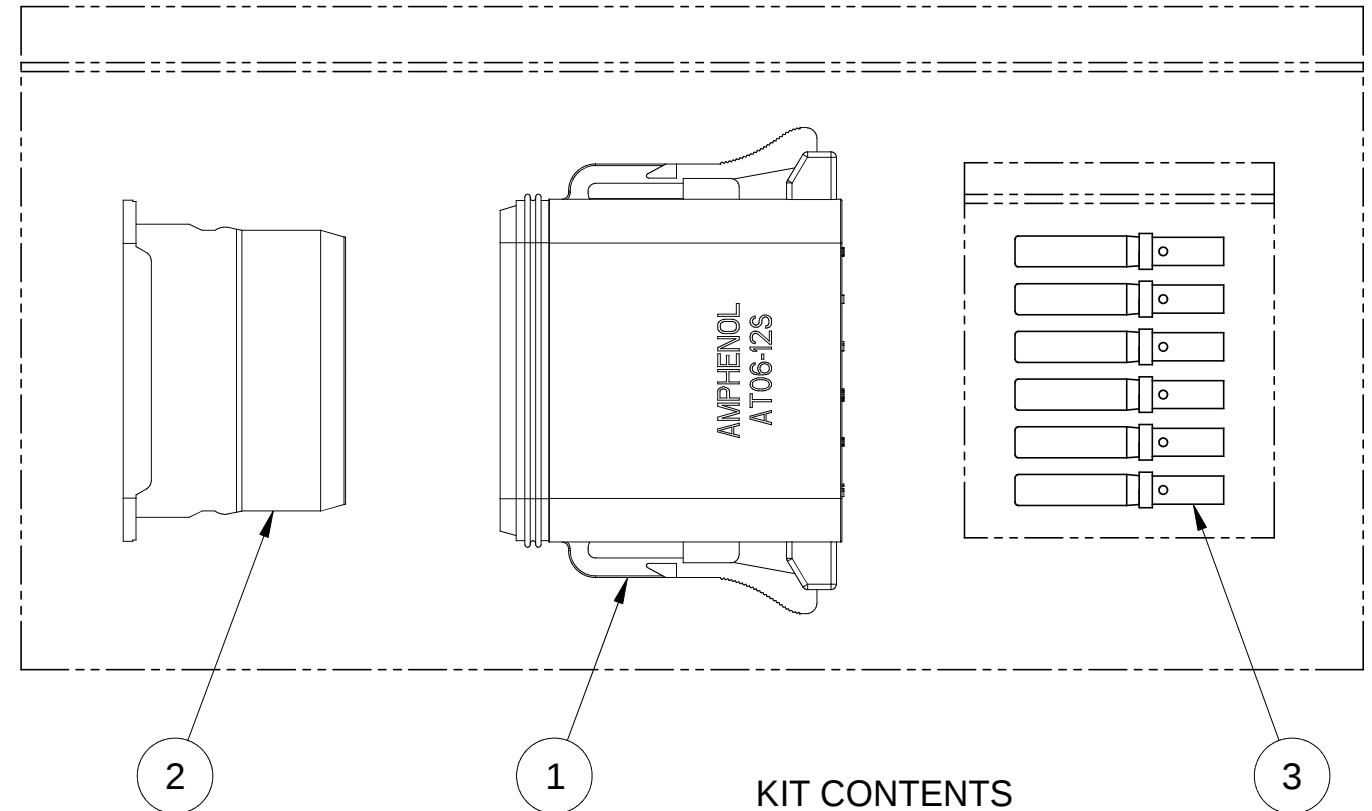
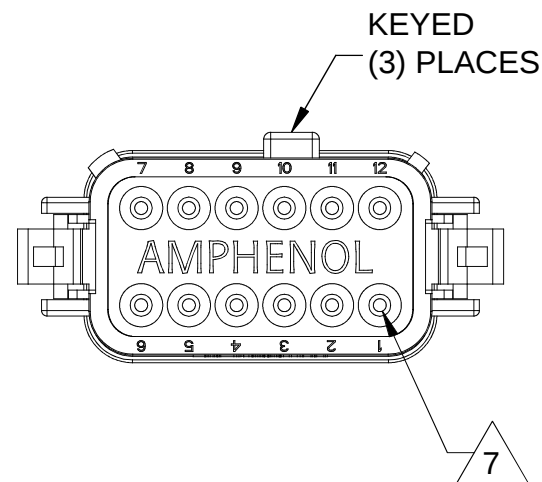
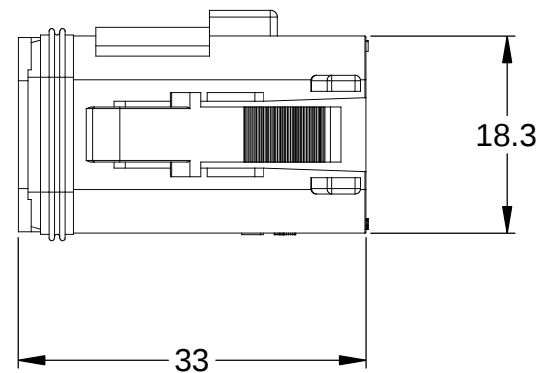
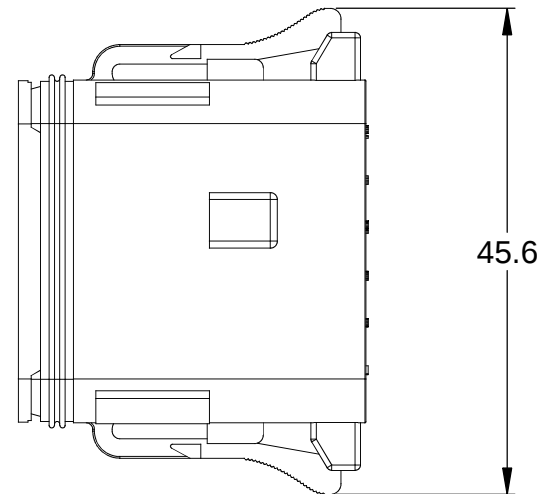


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	19SEP13	DRP	



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

7

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												
QUANTITY	PART NUMBER	DESCRIPTION	ITEM												
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 = 		SIGNATURES DATE DRAWN: D.PARKS19SEP13 CHECKED: ENGINEER: APPROVAL: 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.	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 KIT, AT SERIES, 12 POSITION PLUG, CONTACTS, AND WEDGELOCK <table><tr><td>SIZE</td><td>TYPE</td><td>DWG NO:</td><td>REVISION</td></tr><tr><td>B</td><td>C-</td><td>AT06-12SA-KIT01</td><td>A</td></tr><tr><td colspan="2">SCALE: NONE</td><td colspan="2">SHEET 1 OF 1</td></tr></table>	SIZE	TYPE	DWG NO:	REVISION	B	C-	AT06-12SA-KIT01	A	SCALE: NONE		SHEET 1 OF 1	
SIZE	TYPE	DWG NO:	REVISION												
B	C-	AT06-12SA-KIT01	A												
SCALE: NONE		SHEET 1 OF 1													
MATERIAL SPECIFICATIONS:															
PROCESS SPECIFICATIONS:															
NEXT ASSY:															

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT06-12SA-KIT01](#)