

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	10/SEP/13	DRP	-

TITLE: KIT, ATP SERIES, 2 POS. PLUG, RECEPTACLE, CONTACTS & WEDGELOCKS

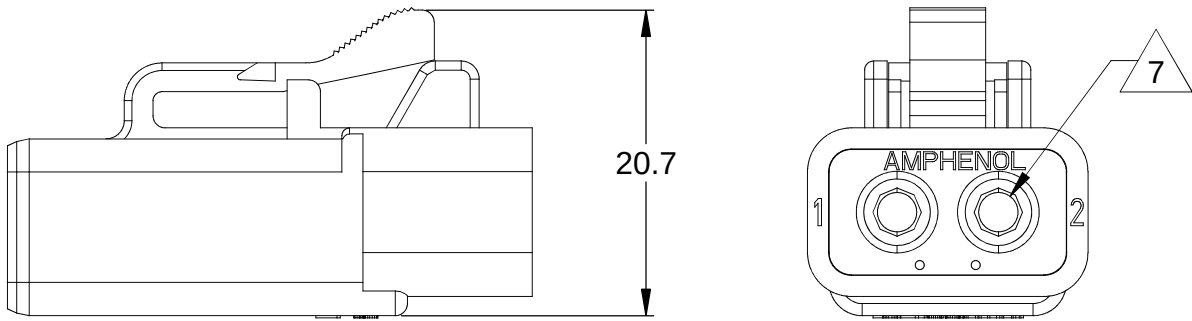
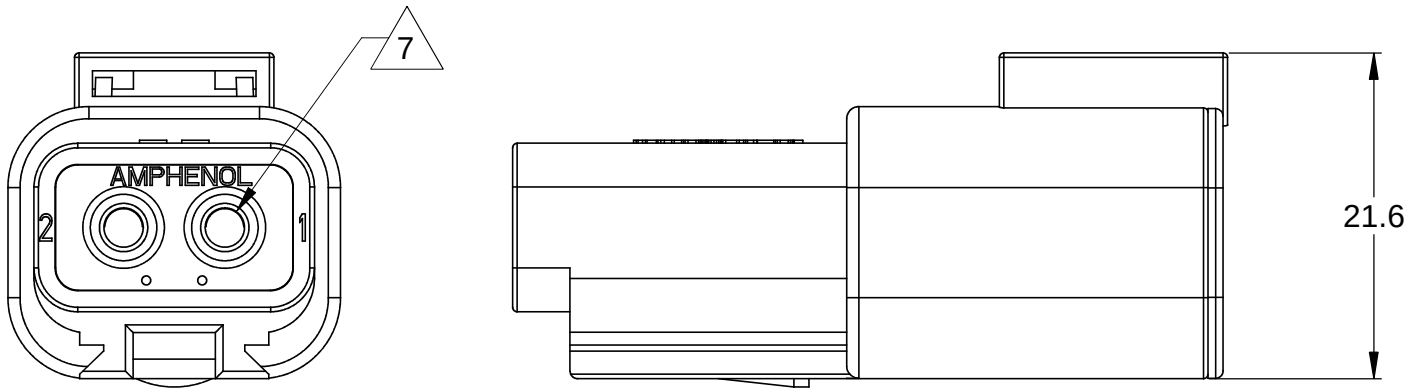
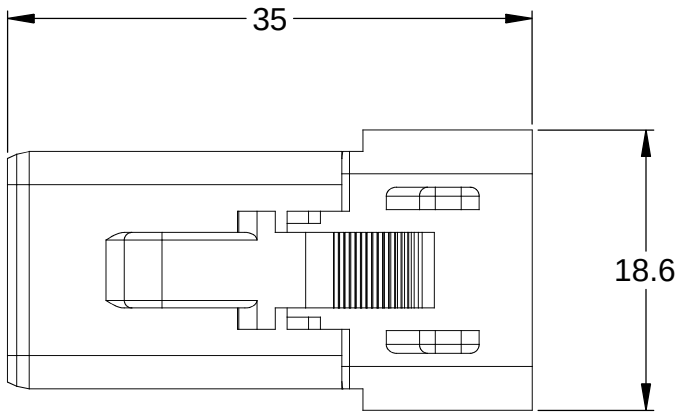
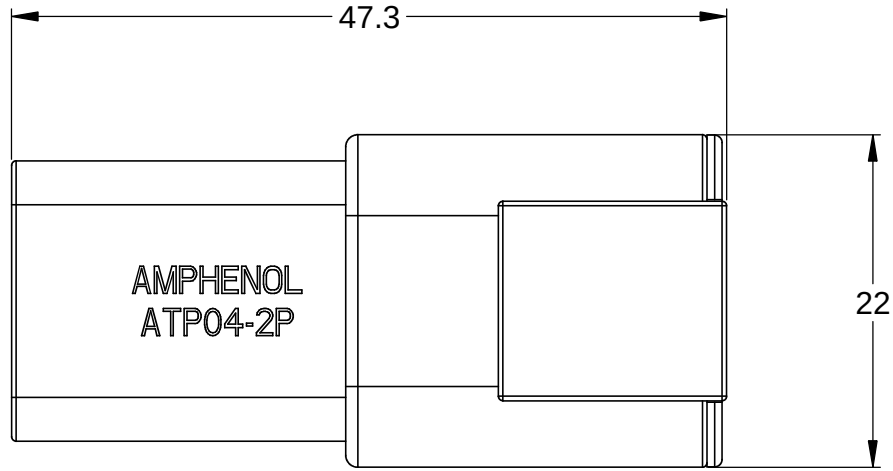
DWG NO.

ATP2PS-CKIT

REV. A

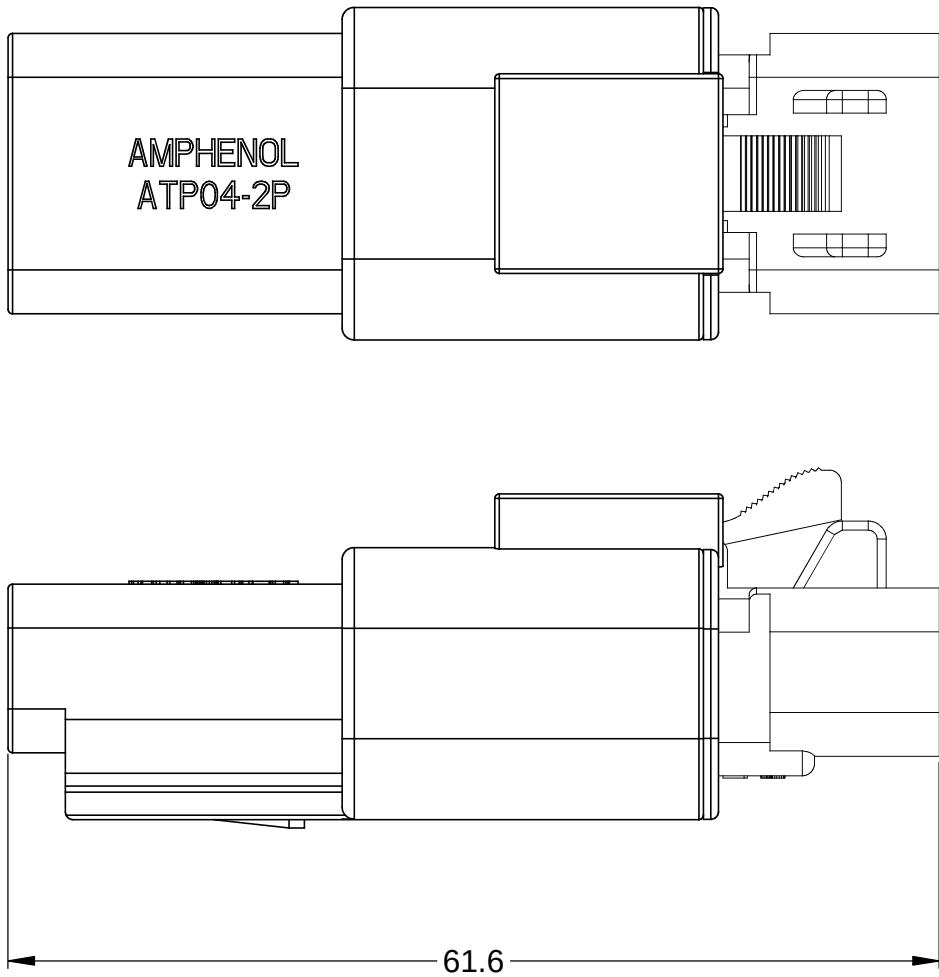
SH. 1

OF. 1

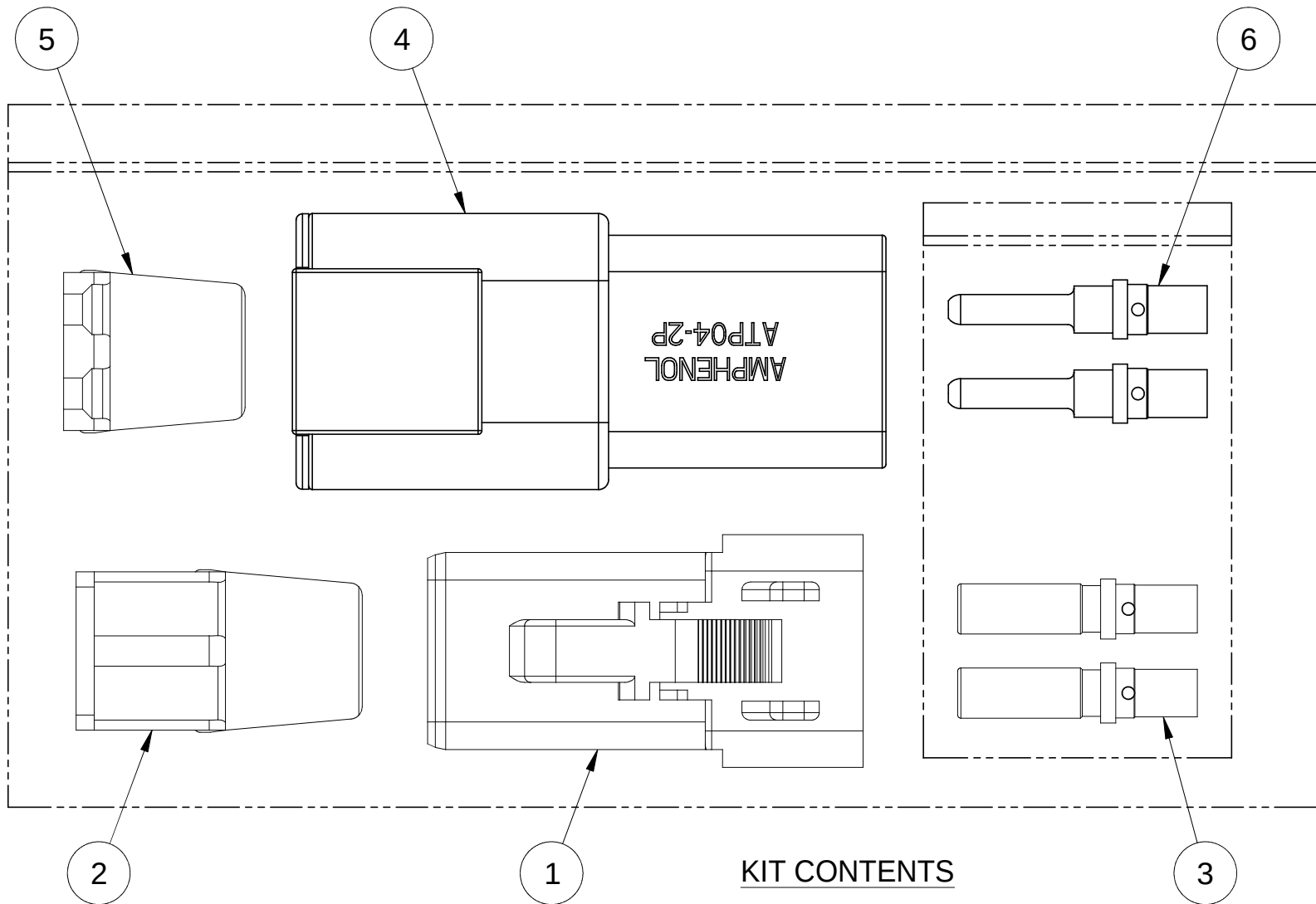


REFERENCE DIMENSIONS - ASSEMBLED RECEPTACLE

REFERENCE DIMENSIONS - ASSEMBLED PLUG



ASSEMBLED PLUG AND RECEPTACLE



KIT CONTENTS

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
- HOUSING: THERMOPLASTIC; COLOR: GREY
 - WEDGELOCK: THERMOPLASTIC; COLOR: ORANGE
 - SEALS: SILICONE RUBBER
 - CONTACTS: COPPER ALLOY; NICKEL PLATED
2. SPECIFICATIONS:
- 2.1 CURRENT RATING: 25 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 @ 25 AMP TEST CURRENT.
 - 2.6 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - 2.7 CONNECTOR MATING CYCLE DURABILITY: 100 CYCLES

3. AVAILABLE HAND CRIMPER: CA-5D12
4. ALL COMPONENTS ARE RoHS COMPLIANT.
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 WIRE RANGE OF CONTACTS INCLUDED
IN KIT: 12 - 14 AWG

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL. O.D.	MAX. INSUL. O.D.	TYPICAL WIRE RANGE
12	3.40 mm (.134 in)	4.95 mm (.195 in)	10 - 14 AWG

6	2	AT60-204-12141	CONTACT, PIN, SOLID, SIZE 12, 12 - 14 AWG	6
	1	AWP-2P	P-WEDGELOCK, 2 POSITION, ATP SERIES	5
6	1	ATP04-2P	RECEPTACLE, 2 POSITION, ATP SERIES	4
	2	AT62-203-12141	CONTACT, SOCKET, SOLID, SIZE 12, 12 - 14 AWG	3
	1	AWP-2S	S-WEDGELOCK, 2 POSITION, ATP SERIES	2
	1	ATP06-2S	PLUG, 2 POSITION, ATP 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 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES		DATE
		DRAWN: D. PARKS		10/SEP/13
MATERIAL SPECIFICATIONS:		CHECKED:		ENGINEER:
		APPROVAL:		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		DWG NO: ATP2PS-CKIT
				REVISION: A
				SHEET 1 OF 1