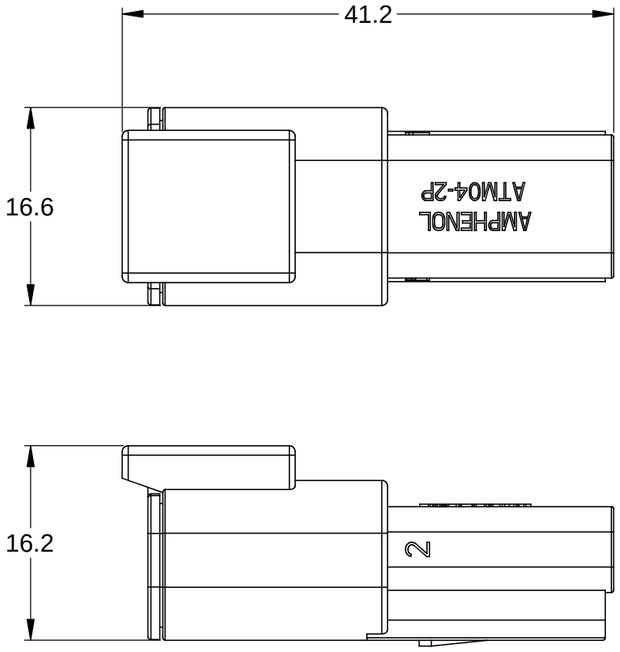
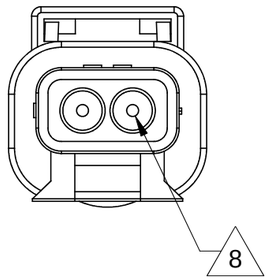
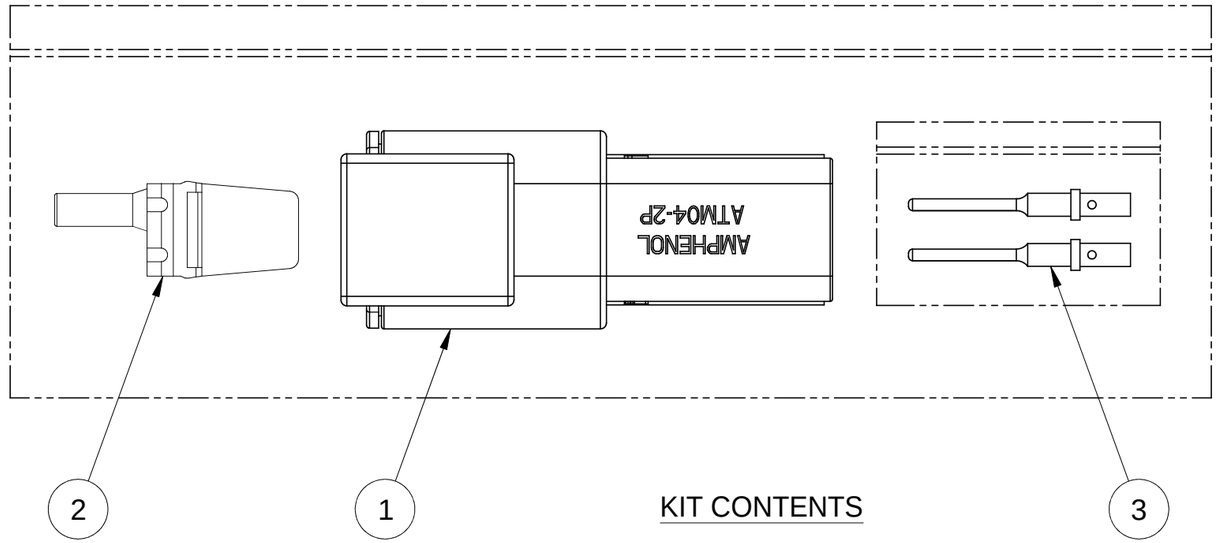
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	27/SEP/13	DRP	





REFERENCE DIMENSIONS - ASSEMBLED



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: 7.5 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 @ 7.5 AMP TEST CURRENT.
   2.6 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
   2.7 CONNECTOR MATING CYCLE DURABILITY: 100 CYCLES

3. MATING PART: ATM06-2S* PLUG
   (* = 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: 20 - 22 AWG

8 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL. O.D.	MAX. INSUL. O.D.	TYPICAL WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG

7

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
2	AT60-202-20141	CONTACT, PIN, SOLID, SIZE 20, 20 - 22 AWG	3
1	AWM-2P	P-WEDGELOCK, 2 POSITION, ATM SERIES	2
1	ATM04-2P	RECEPTACLE, 2 POSITION, ATM SERIES	1

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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	D.PARKS	27/SEP/13
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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Amphenol

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

KIT, ATM SERIES, 2 POSITION RECEPTACLE, CONTACTS, AND WEDGELOCK

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM04-2P-KIT01	A

SCALE: NONE | SHEET 1 OF 1

TITLE: KIT, ATM SERIES, 2 POS RECEPTACLE, CONTACTS, AND WEDGELOCK
DWG NO: ATM04-2P-KIT01
REV: A
SH: 1
OF: 1