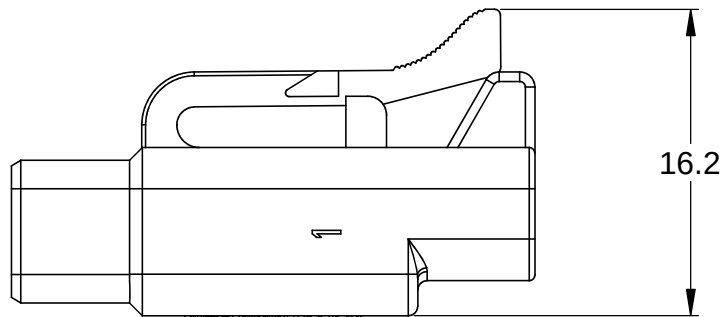
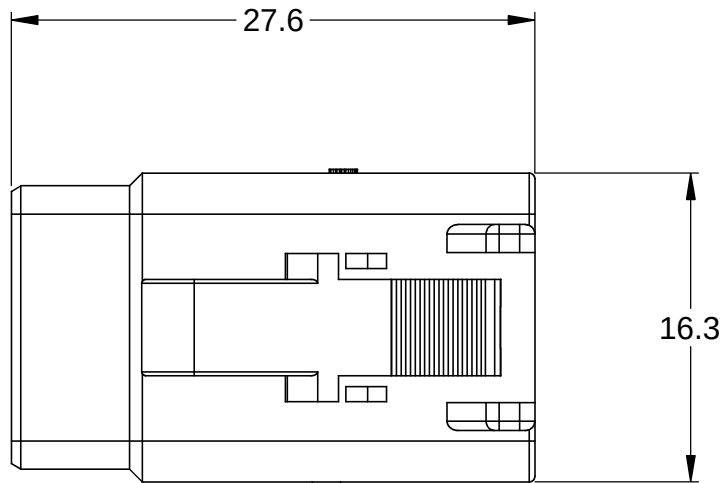
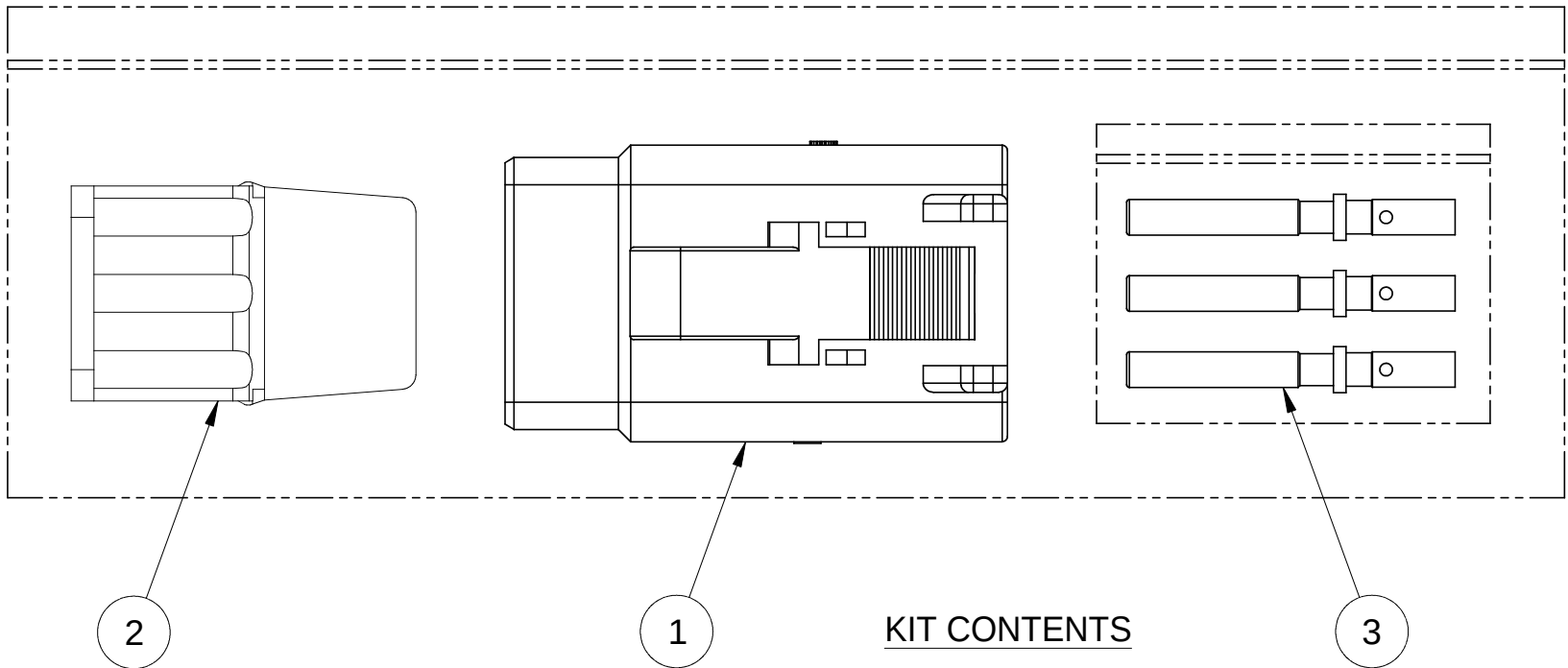
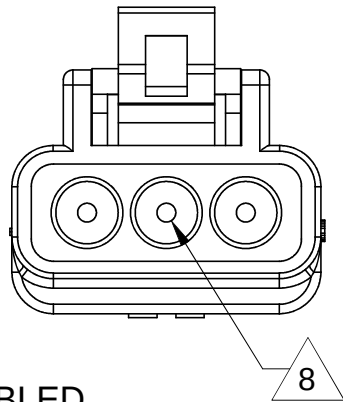


| REVISIONS |     |             |           |     |      |
|-----------|-----|-------------|-----------|-----|------|
| REV       | ECO | DESCRIPTION | DATE      | BY  | APPR |
| A         | -   | RELEASE     | 17/SEP/13 | DRP |      |



REFERENCE DIMENSIONS - ASSEMBLED



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: ATM04-3P\* 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: 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

| 3        | AT62-201-20141 | CONTACT, SOCKET, SOLID, SIZE 20, 20-22 AWG | 3    |
|----------|----------------|--------------------------------------------|------|
| 1        | AWM-3S         | S-WEDGELOCK, 3 POSITION, ATM SERIES        | 2    |
| 1        | ATM06-3S       | PLUG, 3 POSITION, ATM 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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES

DRAWN: D.PARKS

CHECKED:

ENGINEER:

APPROVAL:

CUSTOMER:

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DATE

17/SEP/13

Amphenol

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

KIT, ATM SERIES, 3 POSITION PLUG,  
CONTACTS, AND WEDGELOCK

| SIZE | TYPE | DWG NO:        | REVISION |
|------|------|----------------|----------|
| B    | C-   | ATM06-3S-KIT01 | A        |

SCALE: NONE SHEET 1 OF 1

TITLE: KIT, ATM SERIES, 3 POS PLUG, CONTACTS, AND WEDGELOCK

DWG NO:

ATM06-3S-KIT01

REV: A

SH: 1

OF: 1

# Mouser Electronics

Authorized Distributor

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