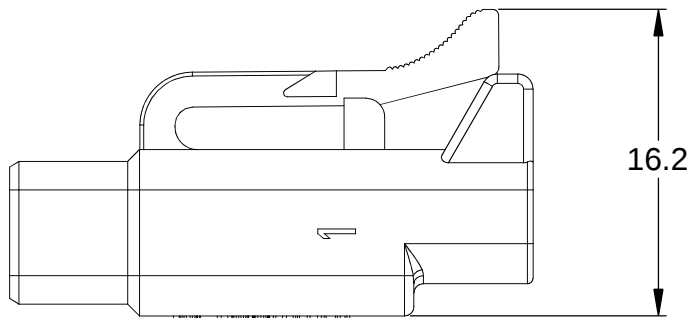
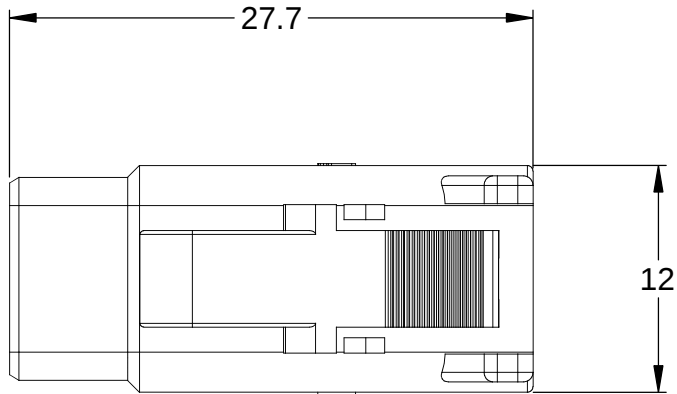
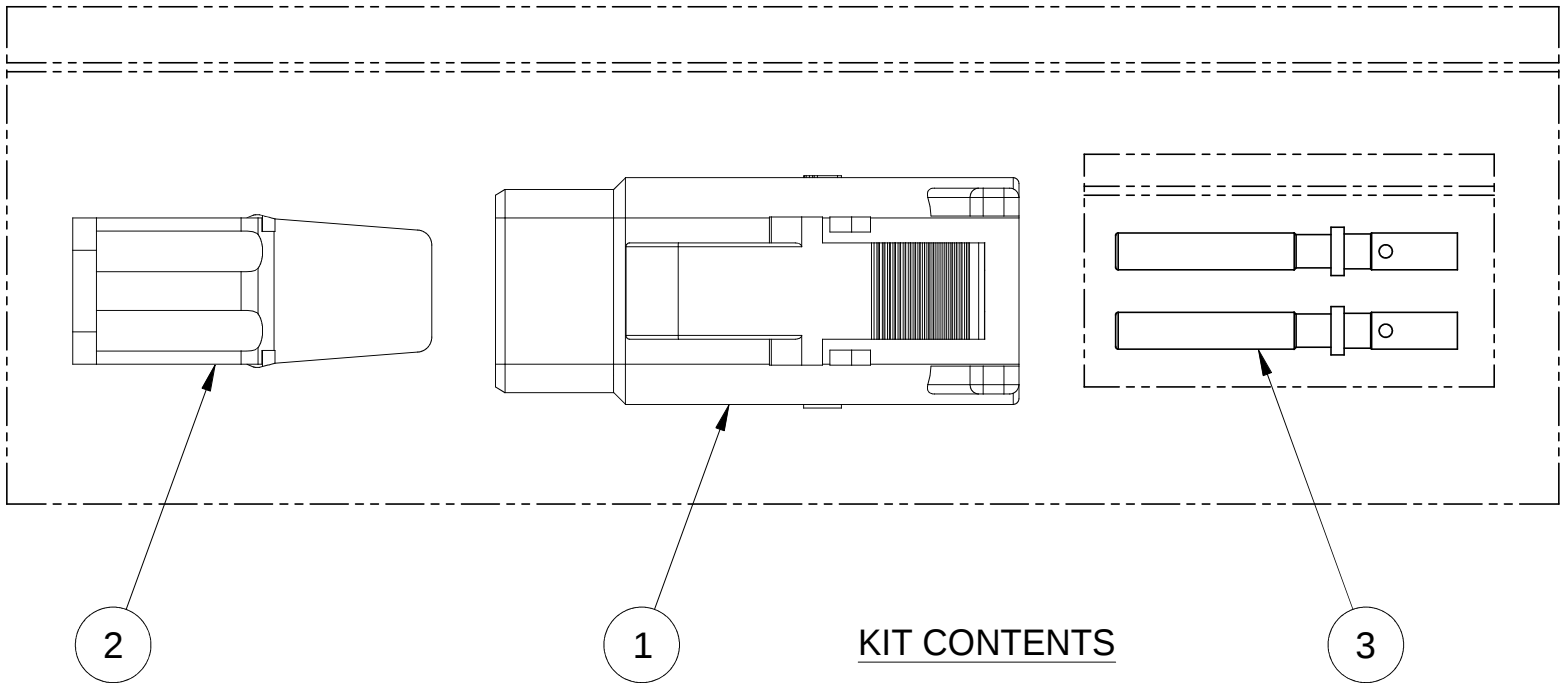
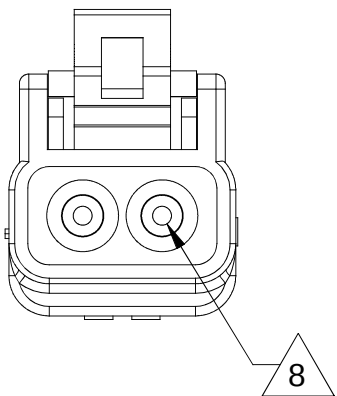


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	17/SEP/13	DRP	



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: ATM04-2P* 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

2	AT62-201-20141	CONTACT, SOCKET, SOLID, SIZE 20, 20-22 AWG	3		
1	AWM-2S	S-WEDGELOCK, 2 POSITION, ATM SERIES	2		
1	ATM06-2S	PLUG, 2 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 = 		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: DATE 17/SEP/13	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
MATERIAL SPECIFICATIONS:		KIT, ATM SERIES, 2 POSITION PLUG, CONTACTS, AND WEDGELOCK			
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:		SIZE	TYPE	DWG NO:	REVISION
		B	C-	ATM06-2S-KIT01	A
		SCALE: NONE			SHEET 1 OF 1

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