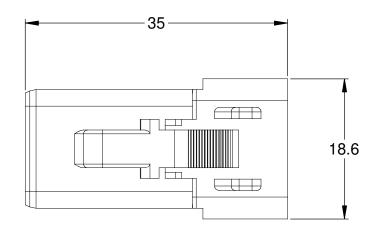
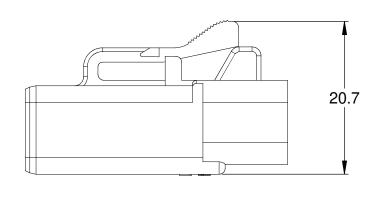
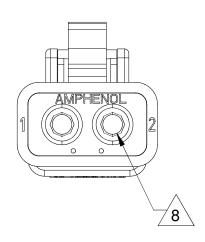


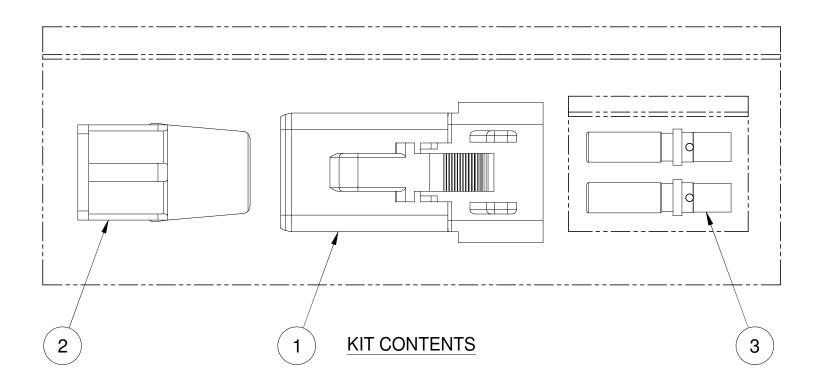
KIT, ATP SERIES, 2 POSITION PLUG, CONTACTS, AND WEDGELOCK

ATP06-2S-KIT01









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: 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. MATING PART: ATP04-2P* 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: 12 - 14 AWG

8 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

2	AT62-203-12141		C	CONTACT, SOCKET, SOLID, SIZE 12, 12-14 AWG 3			
1	1 AWP-2S		S	S-WEDGELOCK, 2 POSITION, ATP SERIES 2			
1	1 ATP06-2S QUANTITY PART NUMBER		P	PLUG, 2 POSITION, ATP SERIES 1			
QUANTITY				DESCRIPTION			
	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 Angles ±1° 3 PL DEC ±0.08 Angles ±1° 3) Note reference = X		SIGNA	ATURES DATE A MONTH ON A		Amphonol		
		DRAWN: D.	.PARKS	10/SEP/13 AIIIPITEITO			
		CHECKED:			Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
		ENGINEER:					
		APPROVAL:					
		CUSTOMER:			KIT, ATP SERIES, 2 POSITION PLUG,		
INFORMATIO					CONTACTS, AND WEDGELOCK		
PROCESS SPECIFICA	SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SIR LECT TO NORMAL		ORMANCE DATA ROPERTY OF ON. NO RIGHTS LIED. ALL	B C- ATP06-2S-KIT01	A		
NEXT ASS'Y:			IS.	SCALE: NONE SHEET 1 C	1		
	1 1 QUANTITY UNLESS OTHER 1) All dimensions a 2) Tolerances are a 1 PL DEC ±0.30 2 PL DEC ±0.15 3) Note reference MATERIAL SPECIFICA	1 AWP-2S 1 ATP06-2S 1 ATP06-2S QUANTITY PART N UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 Angles ±1° 3) Note reference =	1 AWP-2S 1 ATP06-2S QUANTITY PART NUMBER UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 Angles ±1° 3 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 4 PROVAL: MATERIAL SPECIFICATIONS: CUSTOMER: THIS DRAWING IS INFORMATION ON SPECIFICATION SHOWN HEREON THE AMPHENOL OF REPRODUCTION SHOWN HEREON THE AMPHENOL OF	1 AWP-2S 1 ATP06-2S QUANTITY PART NUMBER 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 Fractions ±1/64 Angles ±1° APPROVAL: MATERIAL SPECIFICATIONS: CUSTOMER: THIS DRAWING IS SUPPLIED INFORMATION ONLY. DESIGN SPECIFICATIONS AND PERFC SHOWN HEREON ARE THE PITHE AMPHENOL CORPORATI OF REPRODUCTION ARE IMP DIMENSIONS ARE SUBJECT 1 DIMENSIONS ARE SUBJECT 1	1 AWP-2S S-WEDG 1 ATP06-2S PLUG, 2 QUANTITY PART NUMBER 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 Fractions ±1/64 3) Note reference = MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMANCE DATA SPECIFICATIONS AND PERFORMANCE DATA 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	1 AWP-2S 1 ATP06-2S PLUG, 2 POSITION, ATP SERIES QUANTITY PART NUMBER DESCRIPTION MATERIALS LIST UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 3 PL DEC ±0.30 3 PL DEC ±0.08 3) Note reference = MATERIAL SPECIFICATIONS: CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMANCE DATE THE AMPHENOL CORPORATION, NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL NEXT ASSY: SECURIOR TO NORMAL SCALE TYPE DWG NO: SCALE TO NORMAL TO NORMAL TO NORMAL SCALE TO NORMAL SCALE TO NORMAL	