



WEDGELOCK OPTIONS
(FACE VIEWS)

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	19SEP13	DRP	-
B	-	DWG # WAS AT06-6S-KIT01 ADDED VERSIONS 2 TO CHART	10/18/2024	JHEAD	DH

TITLE: KIT, AT SERIES, 6 POS PLUG, CONTACTS, AND WEDGELOCK

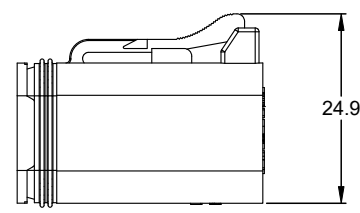
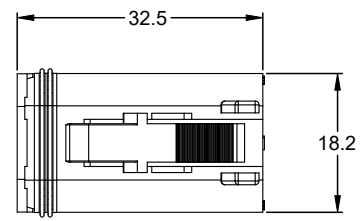
DWG NO:

AT06-6SX-KIT01

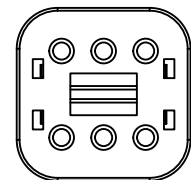
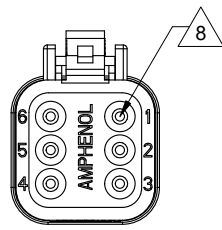
REV: B

SH: 1

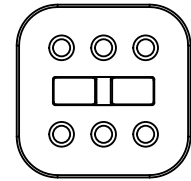
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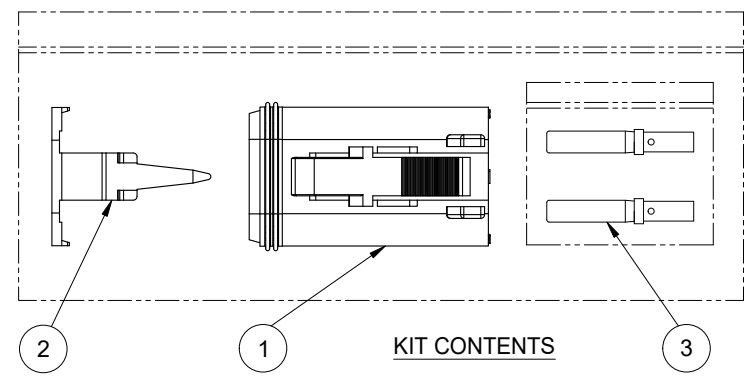
REFERENCE DIMENSIONS - ASSEMBLED



AW6S



AW6S2-BLU



KIT CONTENTS

KIT P/N	PLUG P/N	CONTACTS (6)	WEDGELOCK	WEDGELOCK COLOR
AT06-6S-KIT01	AT06-6S	AT62-201-16141	AW6S	GREEN
AT06-6S2-KIT01	AT06-6S	AT62-201-16141	AW6S2-BLU	BLUE

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; COLOR: GREY
WEDGELOCK: THERMOPLASTIC; COLOR: SEE CHART
SEALS: SILICONE RUBBER
CONTACTS: COPPER ALLOY; NICKEL PLATED

2. SPECIFICATIONS:

- 2.1 CURRENT RATING: 13 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 @ 13 AMP TEST CURRENT.
- 2.6 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
- 2.7 CONNECTOR MATING CYCLE DURABILITY: 100 CYCLES

3. MATING PART: AT04-6P* 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 CONTACTS INCLUDED IN KIT:
SOCKET STYLE, SOLID, SIZE 16, WIRE SIZE 16 - 20 AWG

8 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL. O.D.	MAX. INSUL. O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG



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) Note reference =		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL:	DATE 19SEP13
MATERIAL SPECIFICATIONS:		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:		SIZE B	TYPE C-
		DWG NO: AT06-6SX-KIT01	REVISION B
		SCALE NONE	SHEET 1 OF 1

Amphenol

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KIT, AT SERIES, 6 POSITION PLUG, CONTACTS, AND WEDGELOCK

