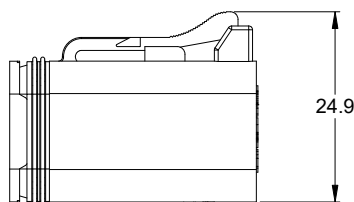
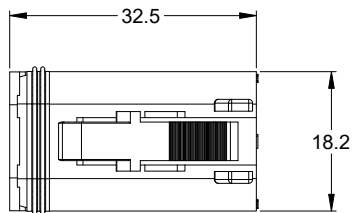
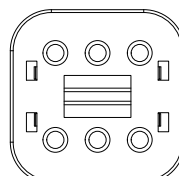
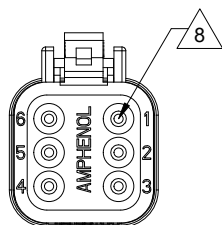


TITLE: KIT, AT SERIES, 6 POS PLUG, CONTACTS AND WEDGELOCK
DWG NO: AT06-6SX-KIT01
REV: B
SH: 1
OF: 1

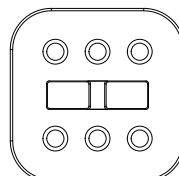
WEDGELOCK OPTIONS
(FACE VIEWS)



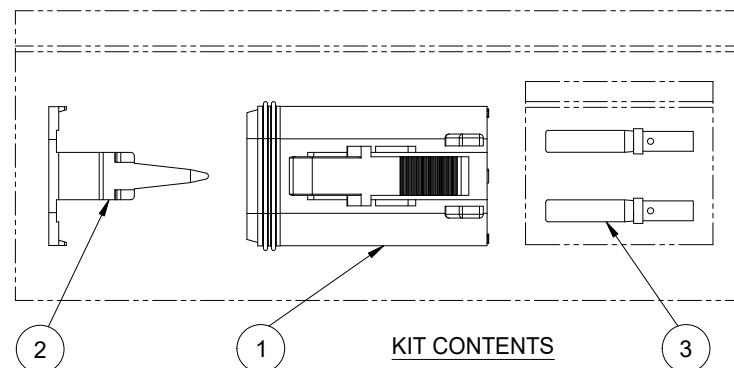
REFERENCE DIMENSIONS - ASSEMBLED



AW6S



AW6S2-BLU



KIT CONTENTS

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)	16 - 20 AWG

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	19SEP13	DRP	-
B	-	DWG # WAS AT06-6S-KIT01 ADDED VERSIONS 2 TO CHART WIRE RANGE 16-20 WAS 14-20	10/18/2024	JHEAD	DH

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

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric (mm).		DATE	
2) Tolerances are as follows:		19SEP13	
1 PL DEC ±0.30		CHECKED:	
2 PL DEC ±0.15		FRACTIONS ±1/64	
3 PL DEC ±0.08		ANGLES ±1°	
3) Note reference =		ENGINEER:	
MATERIAL SPECIFICATIONS:		APPROVAL:	
PROCESS SPECIFICATIONS:		CUSTOMER:	
NEXT ASSY:		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.	
SIZE: B		TYPE: C-	
SCALE: NONE		DWG NO: AT06-6SX-KIT01	
SHEET 1		OF 1	

Amphenol

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

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