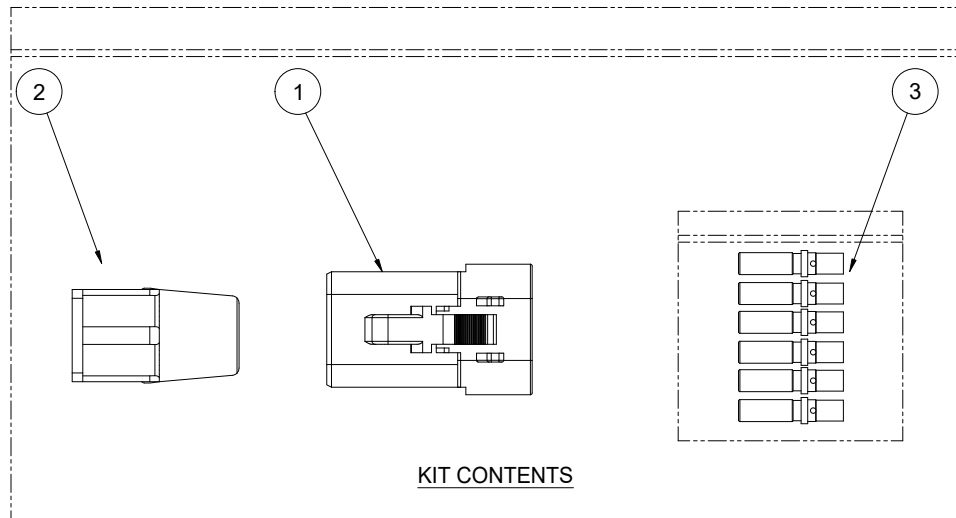
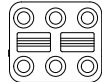


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A	-	RELEASE	3/3/2021	RO	WS
B	-	DWG # WAS ATP06-6S-KIT01 ADDED A & B VERSIONS AND CHART WIRE RANGE 12-14 WAS 10-14	10/18/2024	JHEAD	DH

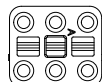


KIT CONTENTS

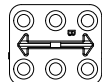
WEDGELOCK OPTIONS FACE VIEWS



AWP-6S



AWP-6SA



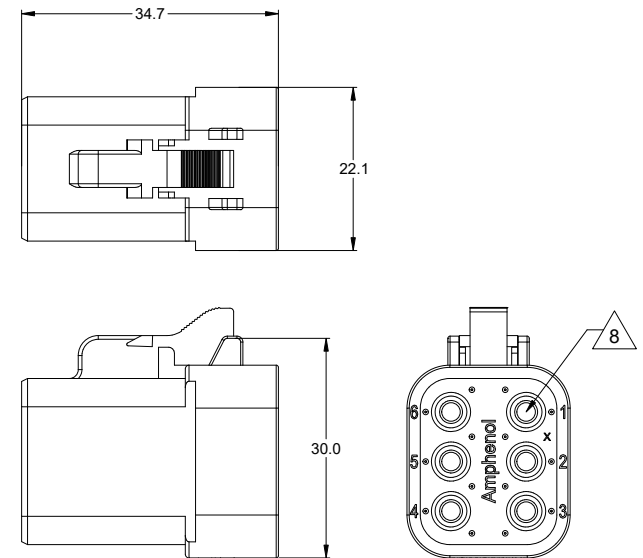
AWP-6SB

NOTES: UNLESS OTHERWISE SPECIFIED

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

- AVAILABLE HAND CRIMPER: CA-5D12
- ALL COMPONENTS ARE RoHS COMPLIANT.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACTS INCLUDED IN KIT:
SOCKET STYLE, SOLID, SIZE 12, WIRE SIZE 12 - 14 AWG
- MATING PART: ATP04-6P* RECEPTACLE
- CONTACT SIZE AND REAR SEAL WIRE RANGE:

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



REFERENCE DIMENSIONS - ASSEMBLED PLUG

KIT P/N	PLUG P/N	CONTACTS (6)	WEDGELOCK	WEDGELOCK COLOR
ATP06-6S-KIT01	ATP06-6S	AT62-203-12141	AWP-6S	ORANGE
ATP06-6SA-KIT01	ATP06-6S	AT62-203-12141	AWP-6SA	GRAY
ATP06-6SB-KIT01	ATP06-6S	AT62-203-12141	AWP-6SB	BLACK

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		SIGNATURES: DATE DRAWN: RO 3/2/2021 CHECKED: WS 3/2/2021 ENGINEER: RO 3/2/2021 APPROVAL: WS 3/2/2021	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSEMBLY:		CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DRAWINGS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	Kit, ATP Series, 6 Position Plug, Socket Contacts, and Wedgelock SIZE: C C- SCALE: NONE DWG NO: ATP06-6SX-KIT01 REVISION: B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[ATP06-6S-KIT01](#)