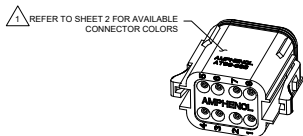
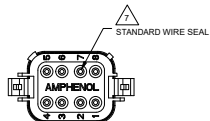
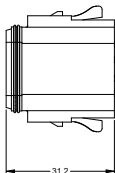
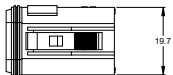
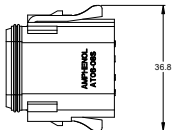
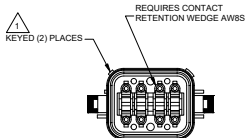


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	27DEC13	JARRY	
A4	-	REVISED IP RATINGS TO IP68/IP69	17DEC2025	JHEAD	DH



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: N/A

4. SPECIFICATIONS:

- 4.1 CURRENT RATING: 13 AMPS
- 4.2 OPERATING TEMPERATURE: -55°C TO +125°C
- 4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
- 4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
- 4.5 MOISTURE RESISTANCE: IP68 (1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION) IP69K (MATED CONDITION)
- 4.6 MATING CYCLE DURABILITY: 100 CYCLES
- 4.7 RoHS COMPLIANT

5. MATING PART: AT04-08PX* RECEPTACLE
(* = A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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

SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER			
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters. 2) Tolerances are as follows: 1 PL DBC ±0.30 ± Angles ±1.64 2 PL DBC ±0.18 3 PL DBC ±0.08		SIGNATURE(S) DATE JARRY 27DEC13		 Wire Systems - www.amphenol-wire.com 44724 Morley Drive Clinton Township, MI 48036 PLUG, 8 SOCKET, AT SERIES, KEYED
APPROVAL		CHECKED		
MATERIAL SPECIFICATIONS		CUSTOMER		B C- AT06-08SX-XXX A4
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 TYPICAL MANUFACTURING VARIATIONS.		
NEXT ASBY:		SCALE: NONE		SHEET 1 OF 2

TITLE

PLUG, 8 SOCKET, AT SERIES, KEYED

DRAWING

AT06-08SX-XXX

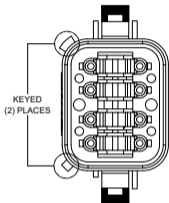
REV: A4

SHEET 1

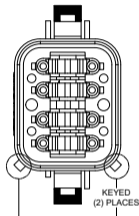
OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	27DEC13	JARRY	
A4	-	REVISED IP RATINGS TO IP68/IP69	17DEC2025	J-HEAD	DH

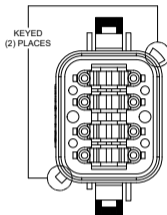
P/N AT06-08SA
KEY-A CONFIGURATION
STANDARD COLOR: GREY



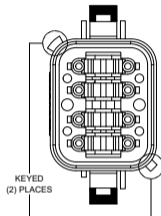
P/N AT06-08SB
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT06-08SC
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT06-08SD
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT06-08SA
BLACK	AT06-08SA-BLK
GREEN	AT06-08SA-GRN
BROWN	AT06-08SA-BRN

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SB-GRY
* BLACK	AT06-08SB
GREEN	AT06-08SB-GRN
BROWN	AT06-08SB-BRN

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SC-GRY
BLACK	AT06-08SC-BLK
* GREEN	AT06-08SC
BROWN	AT06-08SC-BRN

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SD-GRY
BLACK	AT06-08SD-BLK
GREEN	AT06-08SD-GRN
* BROWN	AT06-08SD

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters. 2) Tolerances are as follows: 1 P/L DEC 48-30 ± 0.15mm, ± 0.15mm 2 P/L DEC 48-18 ± 0.15mm, ± 0.15mm 3) Hole reference - Δ	DESIGN TYPE IS	DATE:	<p>Sine Systems - www.amphenol-sine.com 44724 Marley Drive Clinton Township, MI 48036</p> <p>PLUG, 8 SOCKET, AT SERIES, KEYED</p>	
DESIGNER:	JARRY	27DEC13		
APPROVAL:				
DATE:				
PROCESS SPECIFICATIONS:	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 GRANTED. DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		SCALE:	NONE
SHEET NO.:	B C-	DWG NO.:	AT06-08SX-XXX	REVISED TO:
				A4
				SHEET 2 OF 2

TITLE: PLUG 8 SOCKET, AT SERIES KEYS
DRAWING: AT06-08SX-XXX
REV: A4
SHEET 2 OF 2