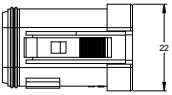
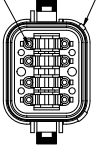
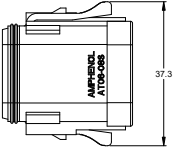
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	03JAN14	JARRY	
A4	-	REVISED IP RATINGS TO IP68/IP69	17DEC2025	JHEAD	DH

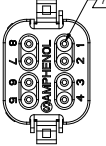


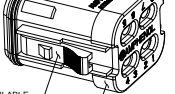
REQUIRES CONTACT RETENTION WEDGE AW8S

1 KEYED (2) PLACES









1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR COLORS

END CAP

NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: END CAP

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
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



1 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 PART NUMBER CHART

PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST	

UNLESS OTHERWISE SPECIFIED:
1) All dimensions are in inch[mm]
2) Tolerances are as follows:
2 PL DEC ±0.1 [2 PL DEC ±2.5] Angles ±1°
3 PL DEC ±0.05
3) Note reference ⚠

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES	DATE
DRAWN: JARRY	03JAN14
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

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

PLUG,8 SOCKET, AT SERIES, KEYED, END CAP

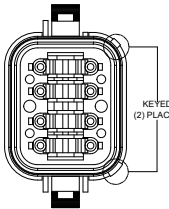
SIZE	TYPE	DWG NO	REV
B	C-	AT06-08SX-ECXXX	A4

SCALE: NONE SHEET 1 OF 2

TITLE: RUGXXXXAT#08SX#ECXXX.SLDDRW
DWG NO: AT06-08SX-ECXXX
REV: A4
SH: 1
OF: 2

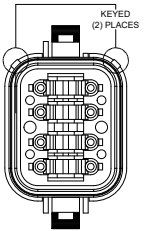
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N AT06-08SA-EC01
KEY-A CONFIGURATION
STANDARD COLOR: GREY



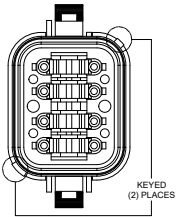
KEY-A CONFIGURATION	
COLOR	PART NUMBER
★ GREY	**AT06-08SA-EC01**
BLACK	AT06-08SA-ECBLK
GREEN	AT06-08SA-ECGRN
BROWN	AT06-08SA-ECBRN

P/N AT06-08SB-EC01
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



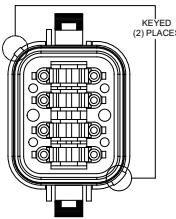
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SB-ECGRY
★ BLACK	**AT06-08SB-EC01**
GREEN	AT06-08SB-ECGRN
BROWN	AT06-08SB-ECBRN

P/N AT06-08SC-EC01
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SC-ECGRY
BLACK	AT06-08SC-ECBLK
★ GREEN	**AT06-08SC-EC01**
BROWN	AT06-08SC-ECBRN

P/N AT06-08SD-EC01
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SD-ECGRY
BLACK	AT06-08SD-ECBLK
GREEN	AT06-08SD-ECGRN
★ BROWN	**AT06-08SD-EC01**

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.

SEE PART NUMBER CHART

PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST	

UNLESS OTHERWISE SPECIFIED:
1) All dimensions are in inch[mm].
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.10 | Angles ±1°
3 PL DEC ±0.05
3) Node reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES	DATE
DRAWN: JERY	03/JAN/14
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

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Amphenol

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

PLUG,8 SOCKET, AT SERIES, KEYED, END CAP

SIZE	TYPE	DWG NO.	REVISION
B	C-	AT06-08SX-ECXXX	A4
SCALE: NONE		SHEET 2 OF 2	

TITLE: PLUG,8 SOCKET,AT SERIES,KEYED,END CAP
DWG NO: AT06-08SX-ECXXX
REV: A4
SH: 2
OF: 2