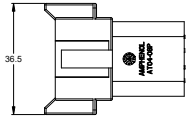
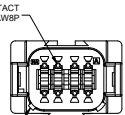
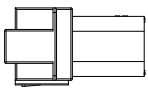
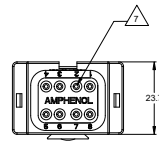
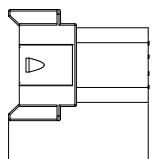
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	27DEC13	JARRY	-
A4	-	REVISED IP RATINGS TO IP68/IP69	12JUN2025	JHEAD	DH
A5	-	ADDED FLAMMABILITY RATING	10OCT2025	JHEAD	DH
A6	-	ADDED DATE CODE FEATURE	17DEC2025	JHEAD	DH

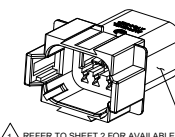












NOTES: UNLESS OTHERWISE SPECIFIED

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 (IM OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION); IP69K(MATED CONDITION)
   4.6 MATING CYCLE DURABILITY: 100 CYCLES
   4.7 RoHS COMPLIANT
   4.8 FLAMMABILITY RATING: UL94-V0

5. MATING PART: AT06-08SX* PLUG
   (X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

2 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	SEE SHEET 2 PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED:
1) Tolerances are as follows:
2 PL DEC ±0.30 Fractions ±1/64
3 PL DEC ±0.15 Angles ±1°
3 PL DEC ±0.08
3) Note reference -

SIGNATURES	DATE
DRAWN: JARRY	27DEC13
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

MATERIAL SPECIFICATIONS

PROCESS SPECIFICATIONS

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NEXT ASSY:

Amphenol

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

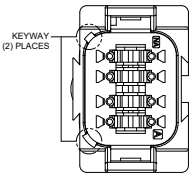
RECEPTACLE, 8 PIN, AT SERIES, KEYED

SIZE	TYPE	DWG NO.	REVISION
B	C-	AT04-08PX-XXX	A6
SCALE: NONE		SHEET 1 OF 2	

TITLE: RECEPTACLE,8 PIN,AT SERIES,KEYED
DWG NO: AT04-08PX-XXX
REV: A6
SH: 1
OF: 2

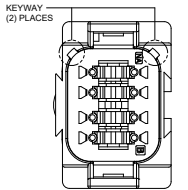
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	27DEC13	JARRY	-
A4	-	REVISED IP RATINGS TO IP68/IP69	12JUN2025	JHEAD	DH
A5	-	ADDED FLAMMABILITY RATING	10OCT2025	JHEAD	DH
A6	-	ADDED DATE CODE FEATURE	17DEC2025	JHEAD	DH

P/N AT04-08P
KEY-A CONFIGURATION
STANDARD COLOR: GREY



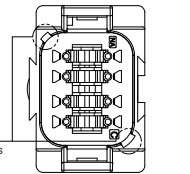
KEY-A CONFIGURATION	
COLOR	PART NUMBER
★ **GREY**	**AT04-08PA**
BLACK	AT04-08PA-BLK
GREEN	AT04-08PA-GRN
BROWN	AT04-08PA-BRN

P/N AT04-08PB
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



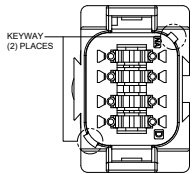
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PB-GRY
★ **BLACK**	**AT04-08PB**
GREEN	AT04-08PB-GRN
BROWN	AT04-08PB-BRN

P/N AT04-08PC
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PC-GRY
BLACK	AT04-08PC-BLK
★ **GREEN**	**AT04-08PC**
BROWN	AT04-08PC-BRN

P/N AT04-08PD
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PD-GRY
BLACK	AT04-08PD-BLK
GREEN	AT04-08PD-GRN
★ **BROWN**	**AT04-08PD**

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.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED:
1) Tolerances are as follows: (mm)
2 PL DEC ±0.50 — Fractions ±1/64
3 PL DEC ±0.10 — Angles ±1°
3 PL DEC ±0.08
3) Note reference: △

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES	DATE
DRAWN: JARRY	27DEC13
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

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Amphenol

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

RECEPTACLE, 8 PIN, AT SEIRES
KEYED

SIZE	TYPE	DWG NO.	REVISION
B	C-	AT04-08PX-XXX	A6
SCALE: NONE		SHEET 2 OF 2	

TITLE: RECEPTACLE, 8 PIN, AT SERIES KEYED
DWG NO: AT04-08PX-XXX
REV: A6
SH: 2
OF: 2