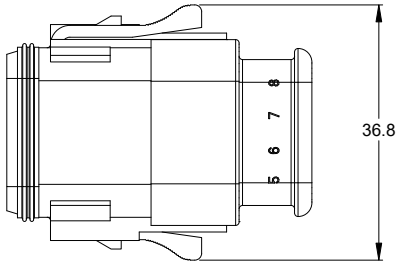
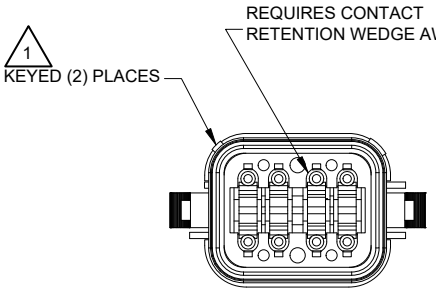
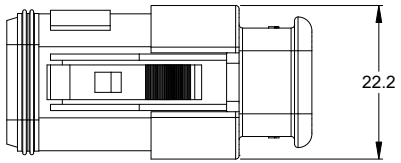
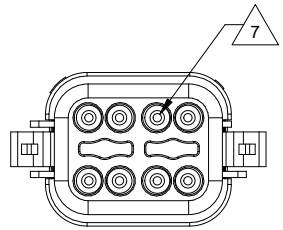
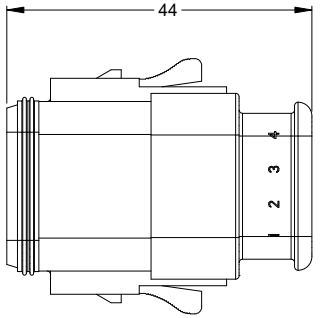
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP	-
A4	-	REVISED IP RATINGS TO IP68/IP69	17DEC2025	JHEAD	DH

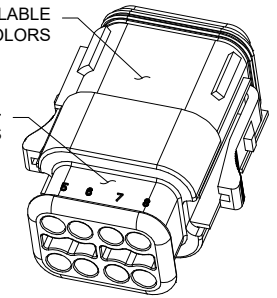












NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

3. MODIFICATIONS: STRAIN RELIEF 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.

7. 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

ITEM	DESCRIPTION	PART NUMBER	QUANTITY
		SEE PART NUMBER CHART	

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = A

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	D.PARKS	11DEC13
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, STRAIN RELIEF END CAP

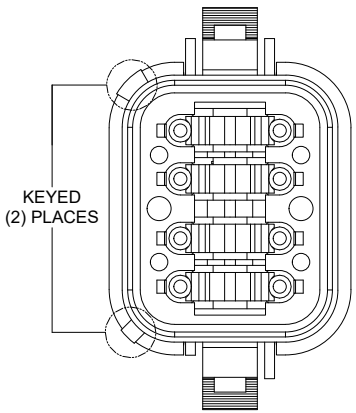
SIZE	TYPE	DWG NO:	REVISION
B	C-	AT06-08SX-SRXXX	A4

SCALE NONE | SHEET 1 OF 2

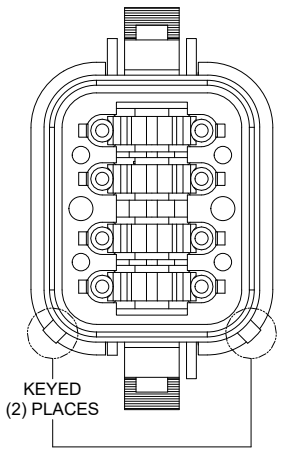
TITLE: PLUG, 8 SOCKET, AT SERIES, KEYED, STRAIN RELIEF END CAP
DWG NO: AT06-08SX-SRXXX
REV: A4
SH: 1
OF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

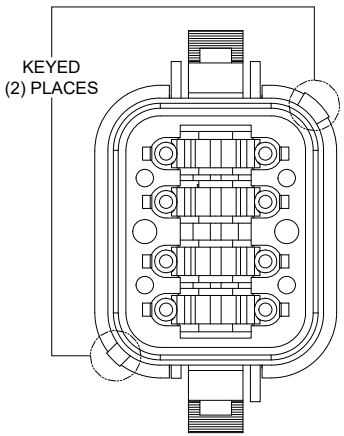
P/N AT06-08SA-SRGRY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



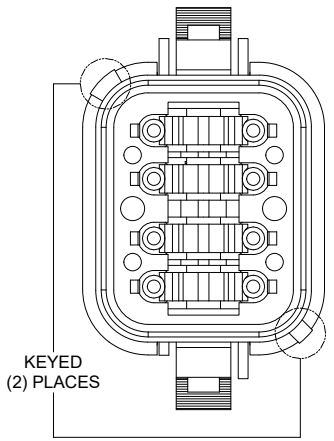
P/N AT06-08SB-SRBK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



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



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



KEY-A CONFIGURATION	
COLOR	PART NUMBER
* **GREY**	**AT06-08SA-SRGRY**
BLACK	AT06-08SA-SRBK
GREEN	AT06-08SA-SRGN
BROWN	AT06-08SA-SRBR

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SB-SRGRY
* **BLACK**	**AT06-08SB-SRBK**
GREEN	AT06-08SB-SRGN
BROWN	AT06-08SB-SRBR

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SC-SRGRY
BLACK	AT06-08SC-SRBK
* **GREEN**	**AT06-08SC-SRGN**
BROWN	AT06-08SC-SRBR

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SD-SRGRY
BLACK	AT06-08SD-SRBK
GREEN	AT06-08SD-SRGN
* **BROWN**	**AT06-08SD-SRBR**

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE. STRAIN RELIEF END CAPS ARE AVAILABLE IN BLACK ONLY.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES	DATE
DRAWN: D.PARKS	11DEC13
CHECKED:	
ENGINEER:	
APPROVAL:	
CUSTOMER:	

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Amphenol

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44724 Morley Drive
Clinton Township, MI 48036

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

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT06-08SX-SRXXX	A4

SCALE: NONE SHEET 2 OF 2

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