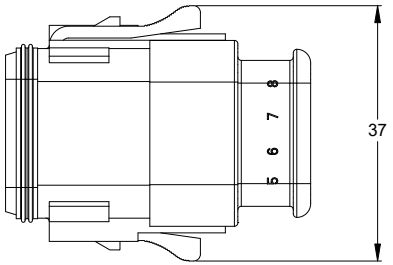
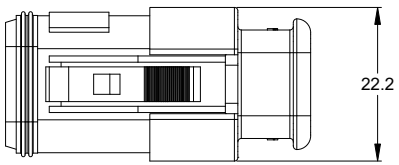
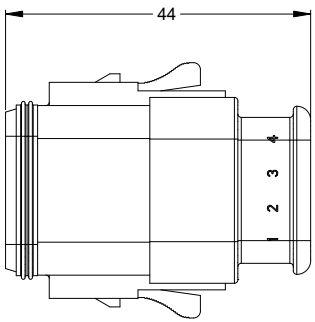
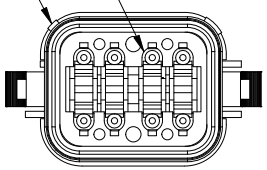
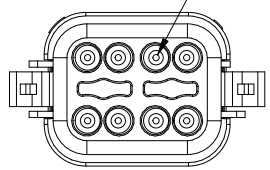
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP	-
A4	-	REVISED IP RATINGS TO IP68/IP69	17DEC2025	JHEAD	DH

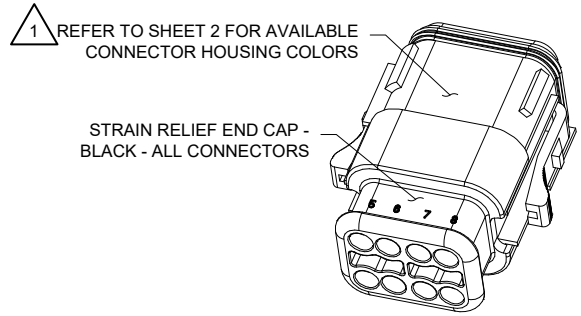












NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

3. MODIFICATIONS: STRAIN RELIEF END CAP;
   REDUCED DIA. WIRE SEAL

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	1.35 mm (.053 in)	3.05 mm (.120 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 = 1

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

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, REDUCED DIAMETER SEAL

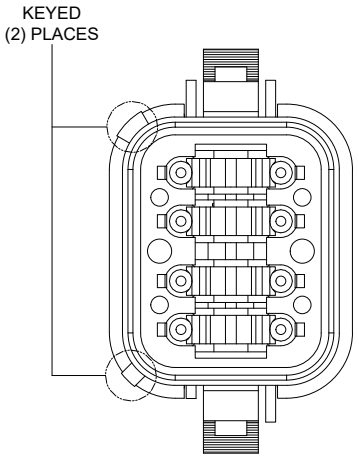
SIZE	TYPE	DWG NO.	REVISION
B	C-	AT06-08SX-SR2XX	A4

SCALE NONE | SHEET 1 OF 2

TITLE: PLUG,8 SOCKET,AT,KEYED,STRAIN RELIEF,REDUCED DIA SEAL
DWG NO: AT06-08SX-SR2XX
REV: A4
SH: 1
OF: 2

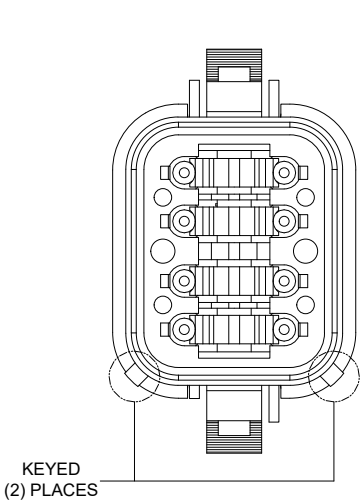
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N AT06-08SA-SR2GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



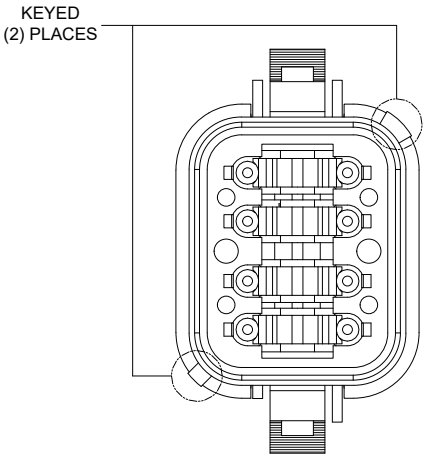
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* **GREY**	**AT06-08SA-SR2GY**
BLACK	AT06-08SA-SR2BK
GREEN	AT06-08SA-SR2GN
BROWN	AT06-08SA-SR2BR

P/N AT06-08SB-SR2BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



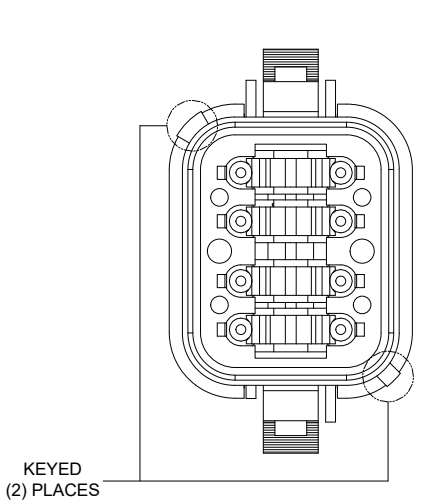
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SB-SR2GY
* **BLACK**	**AT06-08SB-SR2BK**
GREEN	AT06-08SB-SR2GN
BROWN	AT06-08SB-SR2BR

P/N AT06-08SC-SR2GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SC-SR2GY
BLACK	AT06-08SC-SR2BK
* **GREEN**	**AT06-08SC-SR2GN**
BROWN	AT06-08SC-SR2BR

P/N AT06-08SD-SR2BR
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-08SD-SR2GY
BLACK	AT06-08SD-SR2BK
GREEN	AT06-08SD-SR2GN
* **BROWN**	**AT06-08SD-SR2BR**

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 = 3

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

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

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44724 Morley Drive
Clinton Township, MI 48036

PLUG, 8 SOCKET, AT SERIES, KEYED, STRAIN RELIEF END CAP, REDUCED DIAMETER SEAL

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT06-08SX-SR2XX	A4

SCALE: NONE SHEET 2 OF 2

TITLE: PLUG,8 SOCKET,AT,KEYED,STRAIN RELIEF,REDUCED DIA SEAL
DWG NO: AT06-08SX-SR2XX
REV: A4
SH: 2
OF: 2