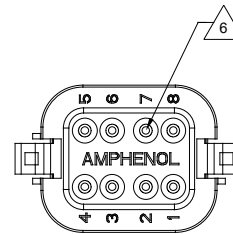
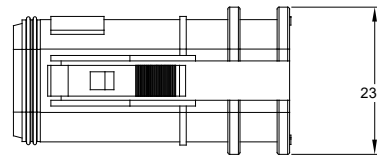
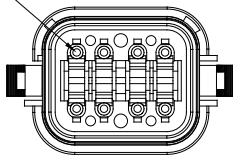


REQUIRES CONTACT
RETENTION WEDGE AW8S



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: PA66 GF15
SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS
SEALS: SILICONE RUBBER
- MODIFICATIONS: FOR OVER MOLDING
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT

- MATING PART: AT04-08P* RECEPTACLE
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

STANDARD SEAL

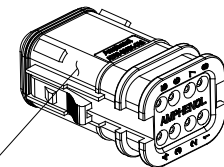
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

REDUCED DIAMETER SEAL

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

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	5JUL17	JAH	
A2	-	ADDED REDUCED DIAMETER SEAL P/N'S	28JAN19	JAH	
A3	-	REVISED TITLE	14JUN19	JAH	

REFER TO PART NUMBER CHART FOR
AVAILABLE CONNECTOR COLORS



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 =		SIGNATURES	DATE	
DRAWN: J. HEAD		CHECKED: -	5JUL2017	
ENGINEER:		APPROVAL: -		
MATERIAL SPECIFICATIONS:		CUSTOMER:		
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 NORMAL MANUFACTURING VARIATIONS.		
NEXT ASSY:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
		STRUCTURE+, OVERMOLD-COMPATIBLE PLUG, 8 SOCKET, AT SERIES		
		SIZE: B C-	TYPE: AT06-08SX-OMXXX	REVISION: A3
		SCALE: NONE	SHEET 1 OF 2	

TITLE: STRUCTURE+, OVERMOLD-COMPATIBLE PLUG, 8 SOCKET, AT

DWG NO:

AT06-08SX-OMXXX

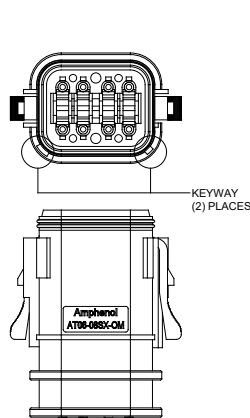
REV: A3

SH: 1

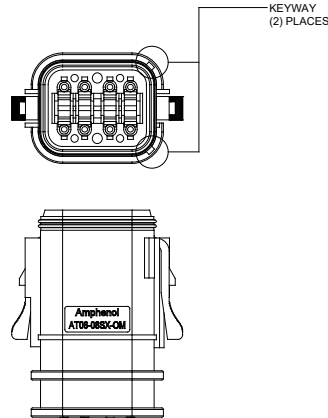
QF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	5JUL17	JA	
A2	-	ADDED REDUCED DIAMETER SEAL P/N'S	28JAN19	JA	
A3	-	REVISED TITLE	14JUN19	JA	

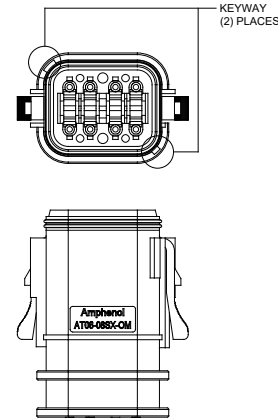
P/N AT06-08SA-OMXXX
KEY-A CONFIGURATION
COLOR: GREY



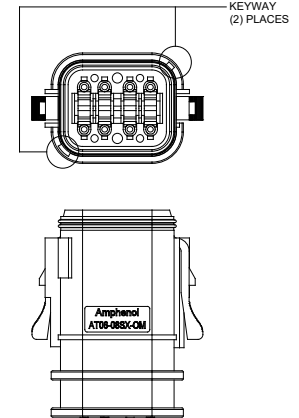
P/N AT06-08SB-OMXXX
KEY-B CONFIGURATION
COLOR: BLACK



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



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



KEY-A CONFIGURATION		
COLOR	P/N W/ STD SEAL	P/N W/ RD SEAL
* GREY	AT06-08SA-OMGRY	AT06-08SA-OMRDGRY
BLACK	AT06-08SA-OMBLK	AT06-08SA-OMRDBLK
GREEN	AT06-08SA-OMGRN	AT06-08SA-OMRDGRN
BROWN	AT06-08SA-OMBRN	AT06-08SA-OMRDBRN

KEY-B CONFIGURATION		
COLOR	P/N W/ STD SEAL	P/N W/ RD SEAL
GREY	AT06-08SB-OMGRY	AT06-08SB-OMRDGRY
* BLACK	AT06-08SB-OMBLK	AT06-08SB-OMRDBLK
GREEN	AT06-08SB-OMGRN	AT06-08SB-OMRDGRN
BROWN	AT06-08SB-OMBRN	AT06-08SB-OMRDBRN

KEY-C CONFIGURATION		
COLOR	P/N W/ STD SEAL	P/N W/ RD SEAL
GREY	AT06-08SC-OMGRY	AT06-08SC-OMRDGRY
BLACK	AT06-08SC-OMBLK	AT06-08SC-OMRDBLK
* GREEN	AT06-08SC-OMGRN	AT06-08SC-OMRDGRN
BROWN	AT06-08SC-OMBRN	AT06-08SC-OMRDBRN

KEY-D CONFIGURATION		
COLOR	P/N W/ STD SEAL	P/N W/ RD SEAL
GREY	AT06-08SD-OMGRY	AT06-08SD-OMRDGRY
BLACK	AT06-08SD-OMBLK	AT06-08SD-OMRDBLK
GREEN	AT06-08SD-OMGRN	AT06-08SD-OMRDGRN
* BROWN	AT06-08SD-OMBRN	AT06-08SD-OMRDBRN

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 CHART		DESCRIPTION		ITEM	
PART NUMBER					
QUANTITY	MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 	SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 STRUCTURE+, OVERMOLD-COMPATIBLE PLUG, 8 SOCKET, AT SERIES		
	DRAWN:	J. HEAD			5JUL2017
	CHECKED:	.			_____
	ENGINEER:				_____
	APPROVAL:				_____
MATERIAL SPECIFICATIONS:	CUSTOMER:				
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 NORMAL MANUFACTURING VARIATIONS.				
NEXT ASSY:					
SIZE:		TYPE:	DWG NO:	REVISION	
B		C-	AT06-08SX-OMXXX	A3	
SCALE:		NONE		SHEET 2 OF 2	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT06-08SD-OMBRN](#) [AT06-08SA-OMGRY](#) [AT06-08SB-OMBLK](#) [AT06-08SC-OMGRN](#)