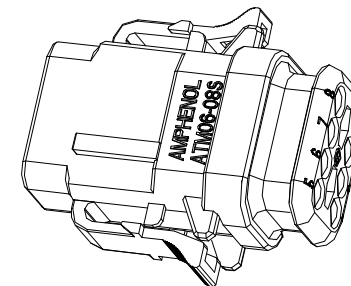
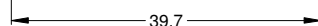
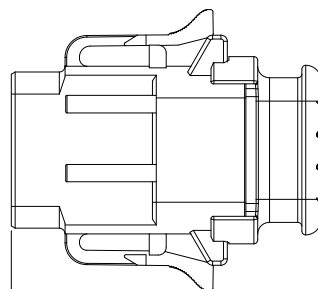
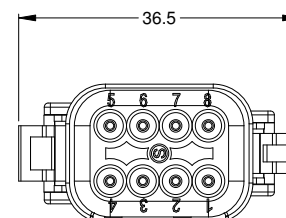
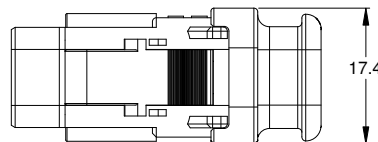
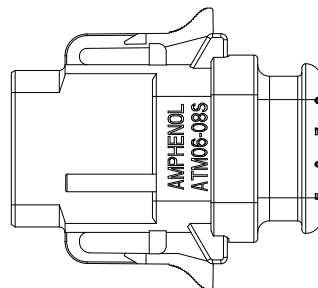
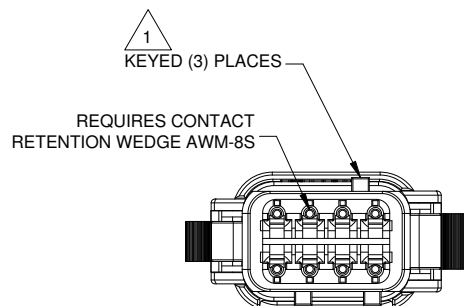


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		PERLIMINARY DESIGN	03/NOV/14	ORION	



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: 7.5 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: IP67 (MATED CONDITION)
 - 4.6 MATING CYCLE DURABILITY: 100 CYCLES
 - 4.7 RoHS COMPLIANT

5. MATING PART: ATM04-08PX* RECEPTACLE.
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

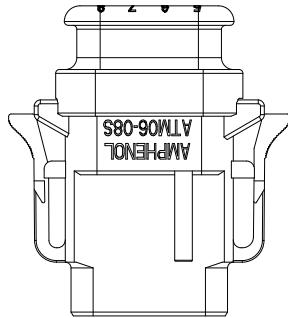
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

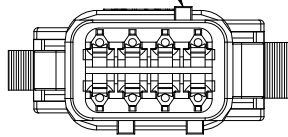
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG

SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN: ORION/LI		03/NOV/14
2) Tolerances are as follows:		CHECKED:		
1 PL DEC ±0.30 Fractions ±1/64		ENGINEER:		
2 PL DEC ±0.15 Angles ±1°		APPROVAL:		
3) Note reference = 		CUSTOMER:		
MATERIAL 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.		
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
		PLUG, KEYED, 8 SOCKET, STRAIN RELIEF, ATM SERIES		
		SIZE: B	TYPE: C-	DWG NO: ATM06-08SX-SR1XX
		SCALE: NONE	REVISION: 01	
		SHEET 1 OF 2		

P/N ATM06-08SA-SR1GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY

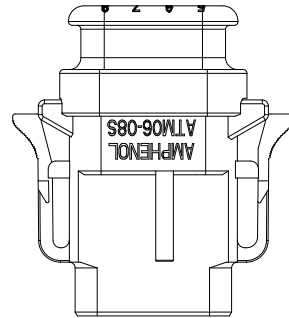


KEYED (3) PLACES

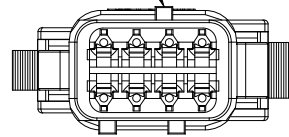


KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM06-08SA-SR1GY
BLACK	ATM06-08SA-SR1BK
GREEN	ATM06-08SA-SR1GN
BROWN	ATM06-08SA-SR1BN

P/N ATM06-08SB-SR1BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK

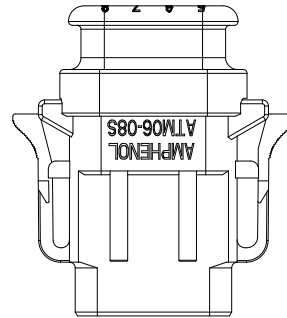


KEYED (3) PLACES

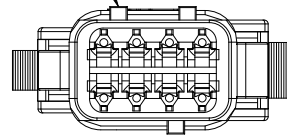


KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SB-SR1GY
* BLACK	ATM06-08SB-SR1BK
GREEN	ATM06-08SB-SR1GN
BROWN	ATM06-08SB-SR1BN

P/N ATM06-08SC-SR1GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN

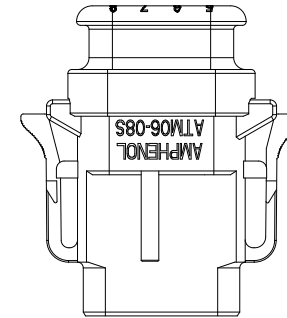


KEYED (3) PLACES

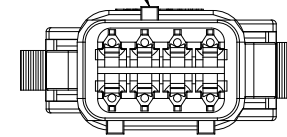


KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SC-SR1GY
BLACK	ATM06-08SC-SR1BK
* GREEN	ATM06-08SC-SR1GN
BROWN	ATM06-08SC-SR1BN

P/N ATM06-08SD-SR1BN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEYED (3) PLACES



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SD-SR1GY
BLACK	ATM06-08SD-SR1BK
GREEN	ATM06-08SD-SR1GN
* BROWN	ATM06-08SD-SR1BN

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.

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

TITLE: PLUG, KEYED, 8 SOCKET, STRAIN RELIEF, ATM SERIES

DWG NO.: ATM06-08SX-SR1XX

REV: 01

SHT: 2

OF: 2

PART NUMBER		DESCRIPTION		ITEM
MATERIALS LIST				
QUANTITY	SIGNATURES		DATE	
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 = 				
DRAWN: ORION LI				
03/NOV/14				
CHECKED:				
ENGINEER:				
APPROVAL:				
CUSTOMER:				
MATERIAL SPECIFICATIONS:				
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PROCESS SPECIFICATIONS:				
NEXT ASSY:				
SIZE		TYPE	DWG NO.	REVISION
B		C-	ATM06-08SX-SR1XX	01
SCALE		NONE		
SHEET		2	OF	2

Mouser Electronics

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[Amphenol:](#)

[ATM06-08SC-SR1GN](#)