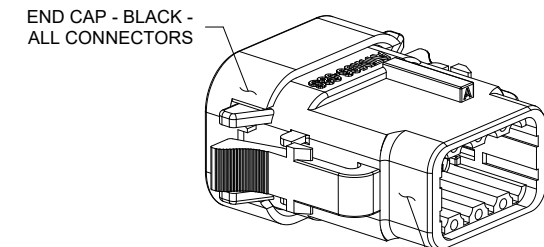
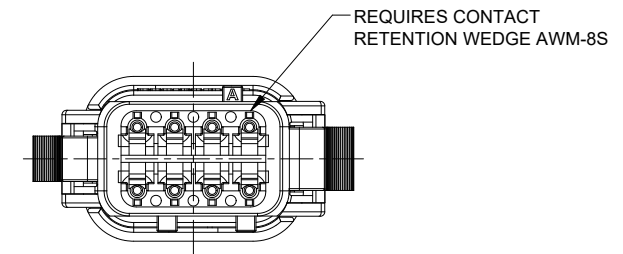
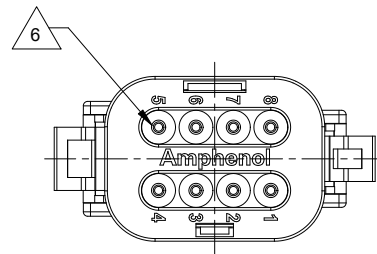
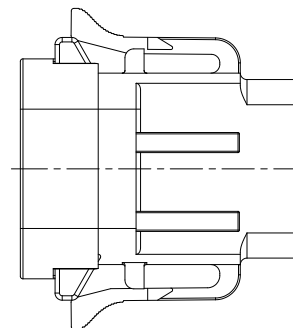
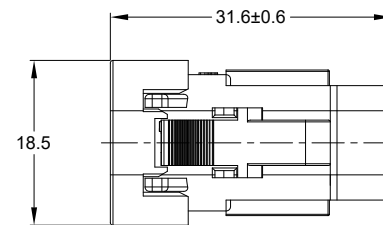
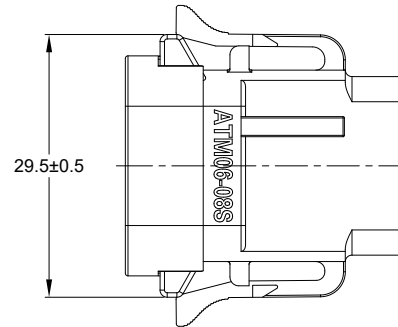


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE DRAWING	17/AUG/22	LOUIE	TOMMY



STANDARD MOLDED COLOR IS GREY.
ADDITIONAL COLORS SHOWN IN PART NUMBER
CHART ARE AVAILABLE VIA SPECIAL ORDER.

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE CONFIGURATION
END CAP: THERMOPLASTIC; COLOR: BLACK
SEAL: SILICONE RUBBER; COLOR: RED
- MODIFICATIONS: SNAP FIT END CAP
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 AMPS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C
3.5 MOISTURE RESISTANCE:
IP68(IN OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION)
IP69K(MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART: ATM04-08PX* RECEPTACLE
(X = A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

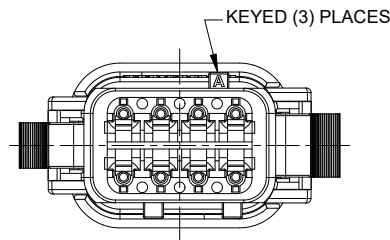
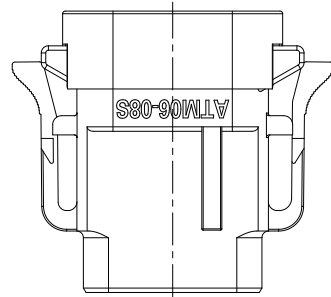
6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG (1.5 - 0.35 mm²)

SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	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 DRAWN: LOUIE.YIN 04/MAY/22 CHECKED: ORION.LI 18/AUG/22 ENGINEER: APPROVAL: TOMMY.XIE 19/AUG/22 CUSTOMER:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 8 POS, PLUG, SOCKET, KEYED, ATM SERIES, SNAP FIT
MATERIAL SPECIFICATIONS: WEIGHT: 9.4g		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:		SIZE B C- DWG NO. ATM06-08SX-SF1XX REVISION A1 SCALE NONE SHEET 1 OF 1		

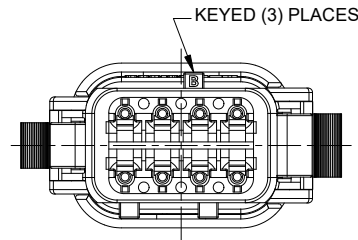
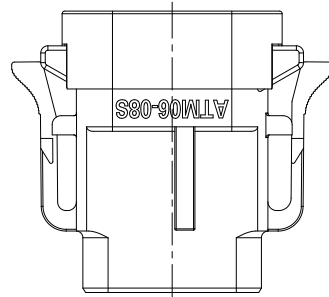
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE DRAWING	17/AUG/22	LOUIE	TOMMY

P/N ATM06-08SA-SF1GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



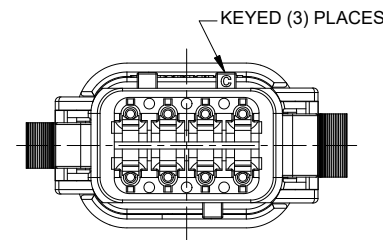
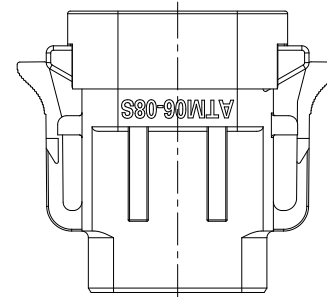
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM06-08SA-SF1GY
BLACK	ATM06-08SA-SF1BK
GREEN	ATM06-08SA-SF1GN
BROWN	ATM06-08SA-SF1BN

P/N ATM06-08SB-SF1BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



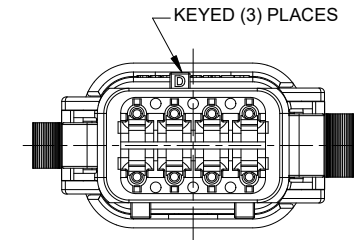
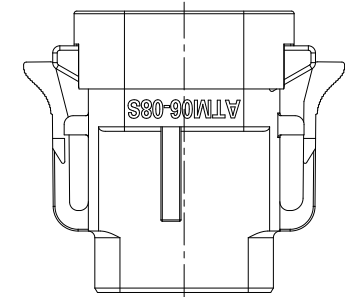
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SB-SF1GY
* BLACK	ATM06-08SB-SF1BK
GREEN	ATM06-08SB-SF1GN
BROWN	ATM06-08SB-SF1BN

P/N ATM06-08SC-SF1GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SC-SF1GY
BLACK	ATM06-08SC-SF1BK
* GREEN	ATM06-08SC-SF1GN
BROWN	ATM06-08SC-SF1BN

P/N ATM06-08SD-SF1BN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SD-SF1GY
BLACK	ATM06-08SD-SF1BK
GREEN	ATM06-08SD-SF1GN
* BROWN	ATM06-08SD-SF1BN

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
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 DRAWN: LOUIE YN 17/AUG/22 CHECKED: ORION LI 18/AUG/22 ENGINEER: APPROVAL: TOMMY JOE 19/AUG/22 CUSTOMER: WEIGHT: 9.4g PROCESS SPECIFICATIONS: NEXT ASSY: DATE 17/AUG/22 18/AUG/22 19/AUG/22 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.			
MATERIALS LIST Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 8 POS, PLUG, SOCKET, KEYED, ATM SERIES, SNAP FIT			
SIZE	TYPE	DWG NO.	REVISION
B	C-	ATM06-08SX-SF1XX	A1
SCALE	NONE	SHEET 2 OF 2	