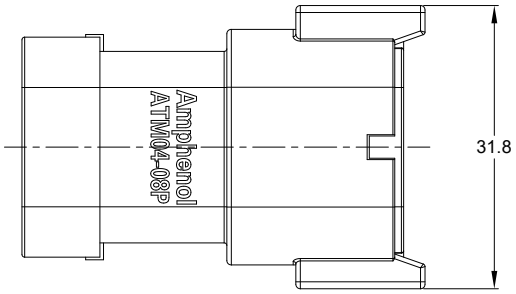
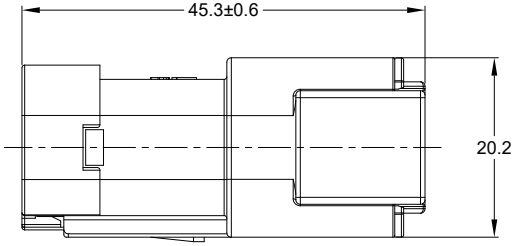
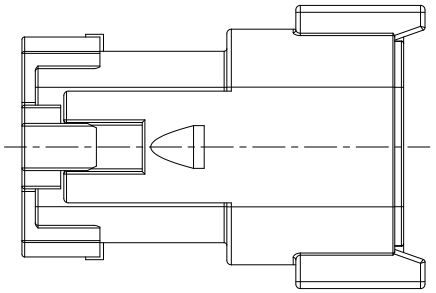
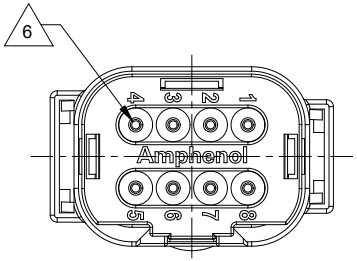
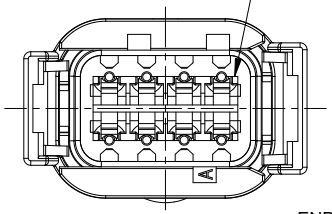
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	- -	RELEASE DRAWING	17/AUG/22	LUCAS	TOMMY

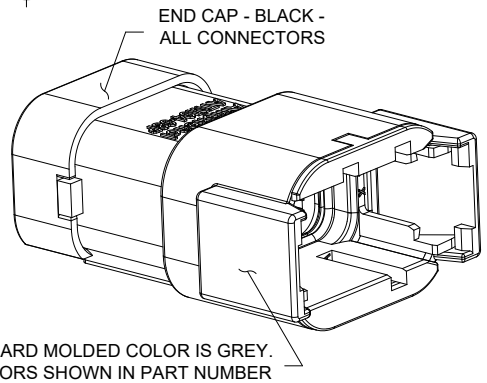












NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; COLOR: SEE KEY CONFIGURATION
   SEAL RETAINER: THERMOPLASTIC; COLOR: SEE KEY CONFIGURATION
   END CAP: THERMOPLASTIC; COLOR: BLACK
   SEAL: SILICONE RUBBER; COLOR: RED

2. MODIFICATIONS: SNAP FIT END CAP

3. 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

4. MATING PART: ATM06-08SX* PLUG
   (X = A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

5. 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		
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

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:
WEIGHT:14g

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	LUCAS.CHAI	17/AUG/22
CHECKED:	ORION.LI	18/AUG/22
ENGINEER:		
APPROVAL:	TOMMY.XIE	19/AUG/22
CUSTOMER:		

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

8 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT

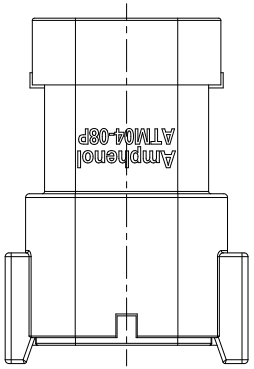
SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM04-08PX-SF1XX	A1

SCALE: NONE SHEET 1 OF 1

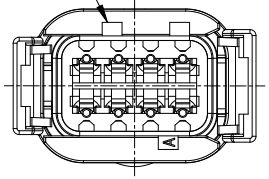
TITLE: 8 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT
DWG NO: ATM04-08PX-SF1XX
REV: A1
SH: 1
OF: 1

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

P/N ATM04-08PA-SF1GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY

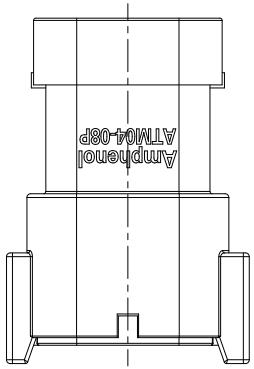


KEYWAY (3) PLACES

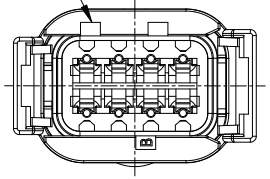


KEY-A CONFIGURATION	
COLOR	PART NUMBER
* **GREY**	**ATM04-08PA-SF1GY**
BLACK	ATM04-08PA-SF1BK
GREEN	ATM04-08PA-SF1GN
BROWN	ATM04-08PA-SF1BN

P/N ATM04-08PB-SF1BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK

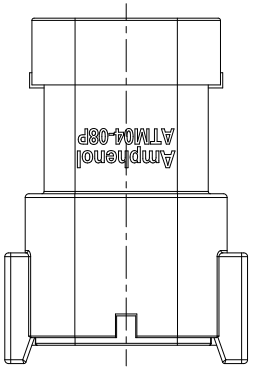


KEYWAY (3) PLACES

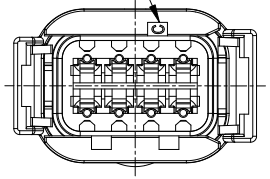


KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-08PB-SF1GY
* **BLACK**	**ATM04-08PB-SF1BK**
GREEN	ATM04-08PB-SF1GN
BROWN	ATM04-08PB-SF1BN

P/N ATM04-08PC-SF1GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN

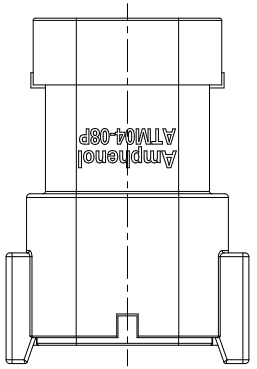


KEYWAY (3) PLACES

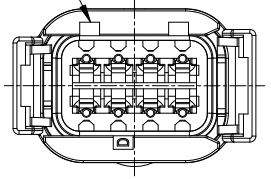


KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-08PC-SF1GY
BLACK	ATM04-08PC-SF1BK
* **GREEN**	**ATM04-08PC-SF1GN**
BROWN	ATM04-08PC-SF1BN

P/N ATM04-08PD-SF1BN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEYWAY (3) PLACES



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-08PD-SF1GY
BLACK	ATM04-08PD-SF1BK
GREEN	ATM04-08PD-SF1GN
* **BROWN**	**ATM04-08PD-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

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
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2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:
WEIGHT:14g

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	LUCAS.CHAI	17/AUG/22
CHECKED:	ORION.LI	18/AUG/22
ENGINEER:		
APPROVAL:	TOMMY.XIE	19/AUG/22
CUSTOMER:		

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8 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM04-08PX-SF1XX	A1

SCALE: NONE SHEET 2 OF 2

TITLE: 8 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT
DWG NO: ATM04-08PX-SF1XX
REV: A1
SH: 2
OF: 2