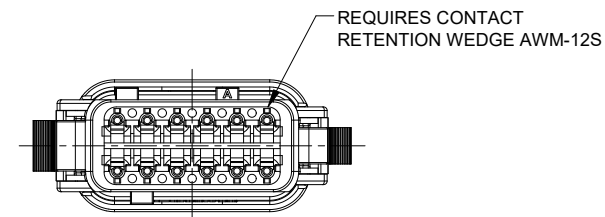
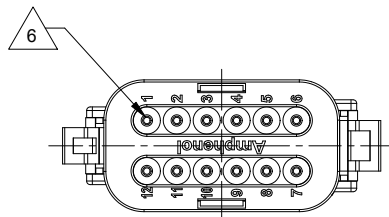
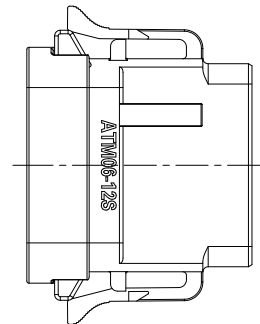
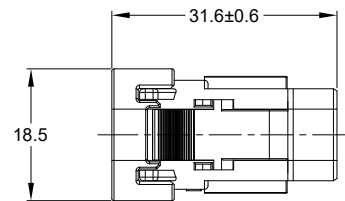
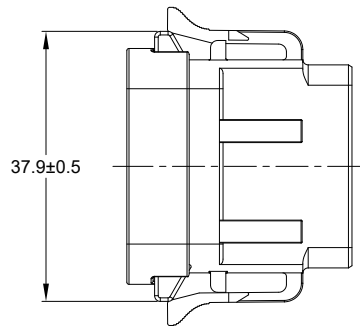
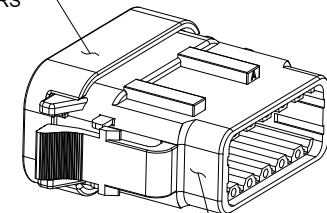


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE DRAWING	17/AUG/22	VITO	TOMMY



END CAP - BLACK -
ALL CONNECTORS



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: ATM04-12PX* RECEPTACLE
(X = A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

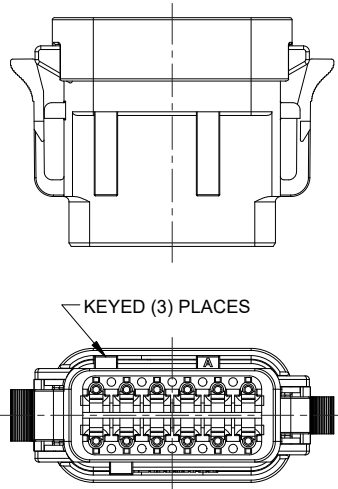
6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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				
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 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: VITOJI 17/AUG/22 CHECKED: SULEN.ZHANG 18/AUG/22 ENGINEER: APPROVAL: TOMMY.XIE 19/AUG/22 CUSTOMER: 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.		
MATERIAL SPECIFICATIONS: WEIGHT:14.2g		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 12 POS, PLUG, SOCKET, KEYED, ATM SERIES, SNAP FIT		
PROCESS SPECIFICATIONS: NEXT ASSY:		SIZE B C- SCALE: NONE	TYPE DWG NO: ATM06-12SX-SF1XX SHEET 1 OF 1	REVISION A1

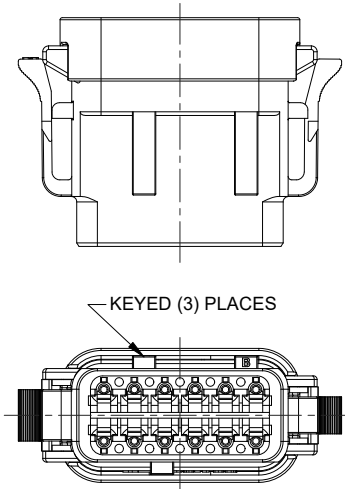
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE DRAWING	17/AUG/22	VITO	TOMMY

P/N ATM06-12SA-SF1GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



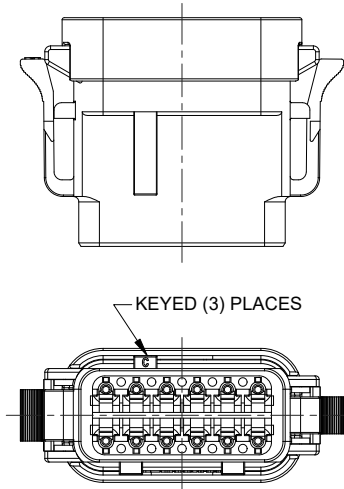
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM06-12SA-SF1GY
BLACK	ATM06-12SA-SF1BK
GREEN	ATM06-12SA-SF1GN
BROWN	ATM06-12SA-SF1BN

P/N ATM06-12SB-SF1BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



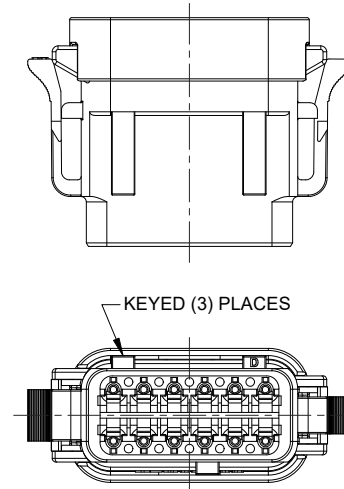
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SB-SF1GY
* BLACK	ATM06-12SB-SF1BK
GREEN	ATM06-12SB-SF1GN
BROWN	ATM06-12SB-SF1BN

P/N ATM06-12SC-SF1GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SC-SF1GY
BLACK	ATM06-12SC-SF1BK
* GREEN	ATM06-12SC-SF1GN
BROWN	ATM06-12SC-SF1BN

P/N ATM06-12SD-SF1BN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SD-SF1GY
BLACK	ATM06-12SD-SF1BK
GREEN	ATM06-12SD-SF1GN
* BROWN	ATM06-12SD-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 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 1 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DRAWN: VITO LJ CHECKED: SULLEN ZHANG ENGINEER: APPROVAL: TOMMY XIE CUSTOMER: 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.	DATE 17/AUG/22 18/AUG/22 19/AUG/22	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 12 POS, PLUG, SOCKET, KEYED, ATM SERIES, SNAP FIT
FRACTIONS ±1/64 Angles ±1°				
MATERIAL SPECIFICATIONS: WEIGHT: 14.2g				
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
		SIZE B C-	TYPE ATM06-12SX-SF1XX	DWG NO. <

TITLE: 12 POS, PLUG, SOCKET, KEYED, ATM SERIES, SNAP FIT
DWG NO.: ATM06-12SX-SF1XX
REV: A1
SH: 1
OF: 1