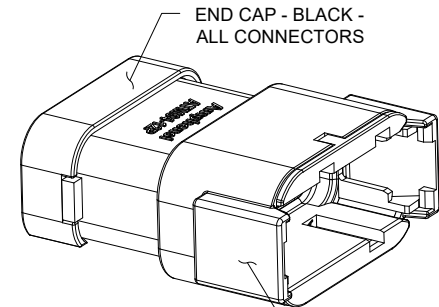
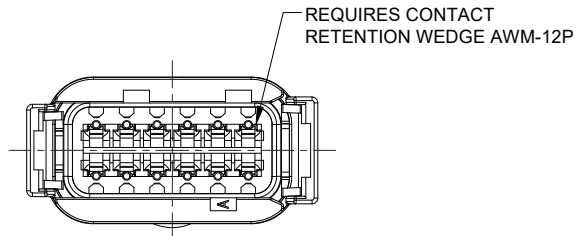
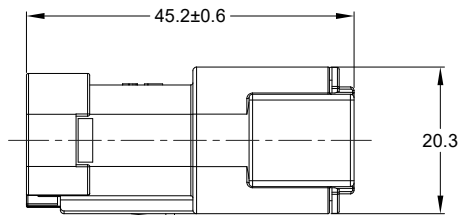
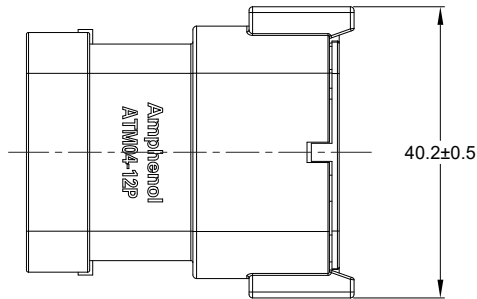
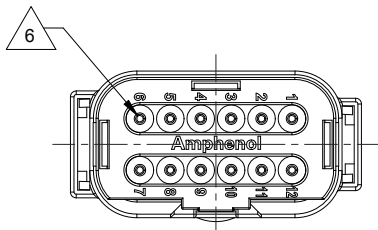


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE DRAWING	17/AUG/22	VITO	TOMMY



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

NOTES: UNLESS OTHERWISE SPECIFIED

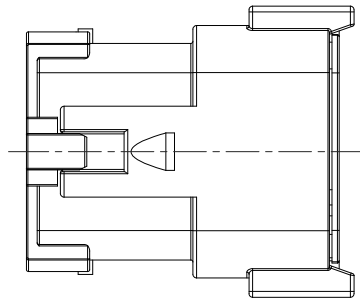
- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE KEY CONFIGURATION
SEAL RETAINER: THERMOPLASTIC; COLOR: SEE KEY CONFIGURATION
END CAP: THERMOPLASTIC; COLOR: BLACK
SEAL: SILICONE RUBBER; COLOR: RED
- MODIFICATIONS: SNAP FIT END CAP
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 AMPS
3.2 OPERATING TEMPERATURE: -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(IM 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: ATM06-12SX* PLUG
(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 mm ²)



		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 = 		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 12 POS, RECEPTACLE, PIN, ATM SERIES, SNAP FIT	
		DRAWN: VITOLJ		17/AUG/22			
		CHECKED: SULLENZWANG		18/AUG/22			
		ENGINEER:					
		APPROVAL: TOMMY XIE		19/AUG/22			
MATERIAL SPECIFICATIONS: WEIGHT: 19.2g		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:							
				Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
		12 POS, RECEPTACLE, PIN, ATM SERIES, SNAP FIT					
SIZE	TYPE	DWG NO:			REVISION		
B	C-	ATM04-12PX-SF1XX			A1		
SCALE: NONE					SHEET 1 OF 1		

TITLE: 12 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT

DWG NO.

ATM04-12PX-SF1XX

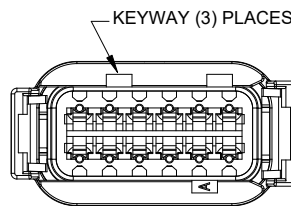
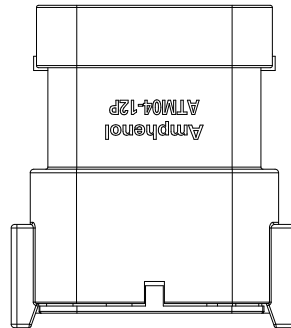
REV: A1

SH: 1

OF: 1

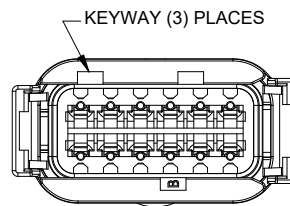
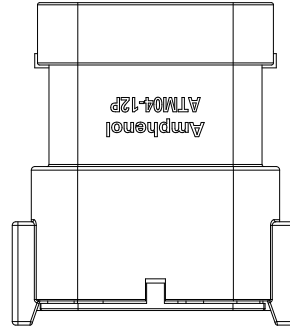
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE DRAWING	17/AUG/22	VITO	TOMMY

P/N ATM04-12PA-SF1GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



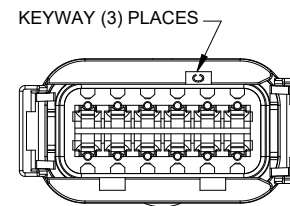
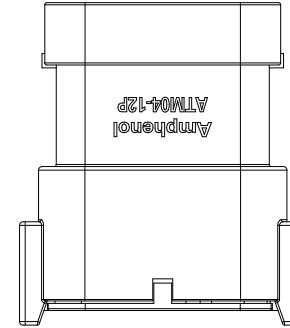
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM04-12PA-SF1GY
BLACK	ATM04-12PA-SF1BK
GREEN	ATM04-12PA-SF1GN
BROWN	ATM04-12PA-SF1BN

P/N ATM04-12PB-SF1BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



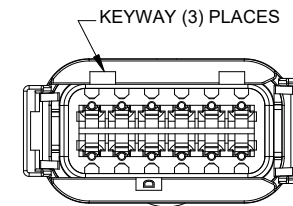
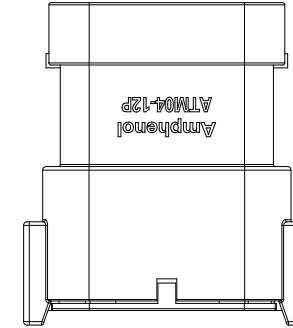
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PA-SF1GY
* BLACK	ATM04-12PB-SF1BK
GREEN	ATM04-12PA-SF1GN
BROWN	ATM04-12PA-SF1BN

P/N ATM04-12PC-SF1GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PC-SF1GY
BLACK	ATM04-12PC-SF1BK
* GREEN	ATM04-12PC-SF1GN
BROWN	ATM04-12PC-SF1BN

P/N ATM04-12PD-SF1BN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PD-SF1GY
BLACK	ATM04-12PD-SF1BK
GREEN	ATM04-12PD-SF1GN
* BROWN	ATM04-12PD-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		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN:	VITO
2) Tolerances are as follows:		CHECKED:	SULLENZHANG
1 PL DEC ±0.30		ENGINEER:	
2 PL DEC ±0.15		APPROVAL:	TOMMY.XIE
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		DATE	
		17/AUG/22	
		18/AUG/22	
		19/AUG/22	
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.	
WEIGHT:19.2g		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		12 POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT	
NEXT ASSY:		DWG NO: ATM04-12PX-SF1XX	
		REVISION A1	
		SIZE B C- SCALE NONE	
		SHEET 1 OF 1	

TITLE: 12POS, RECEPTACLE, PIN, KEYED, ATM SERIES, SNAP FIT
DWG NO: ATM04-12PX-SF1XX
REV: A1
SH: 1
OF: 1