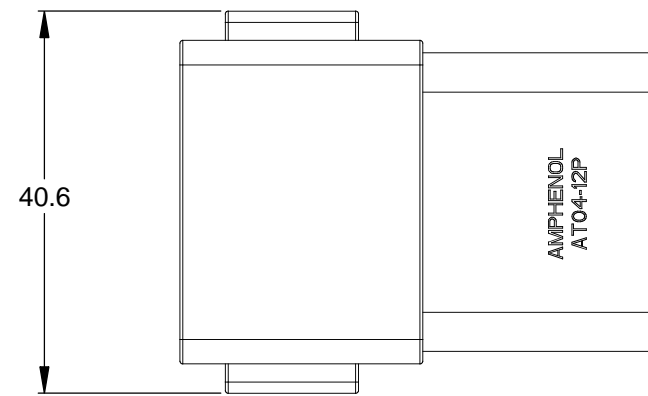
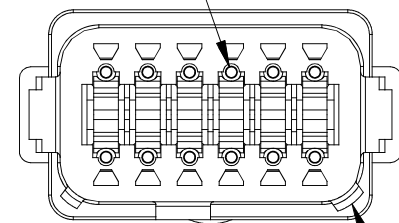


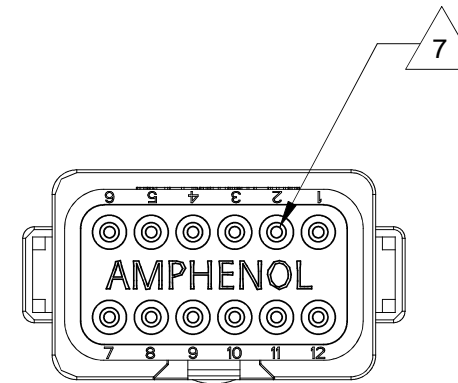
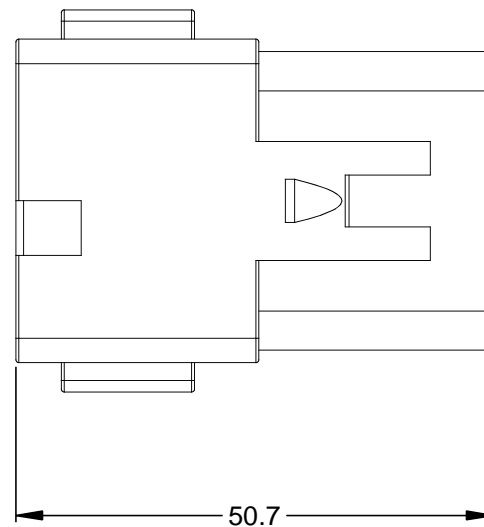
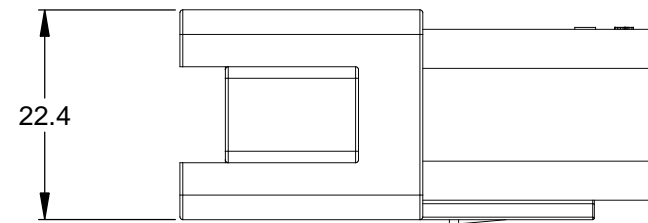
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	02JAN14	JARRY	-



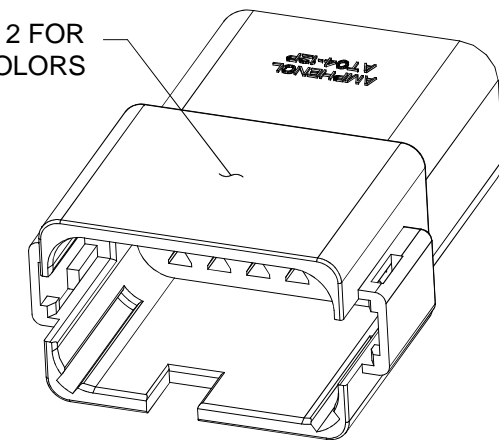
REQUIRES CONTACT RETENTION WEDGE AW12P



1 KEYWAY (3) PLACES



1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR COLORS



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: N/A

4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 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: AT06-12SX* PLUG
(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:

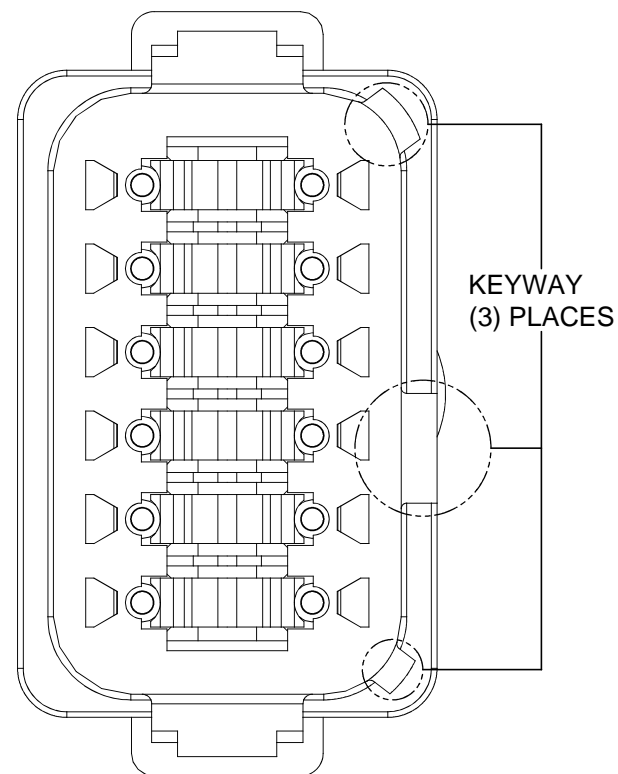
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED
DWG NO.: AT04-12PX-XXX
REV: A3
SH: 1
OF: 2

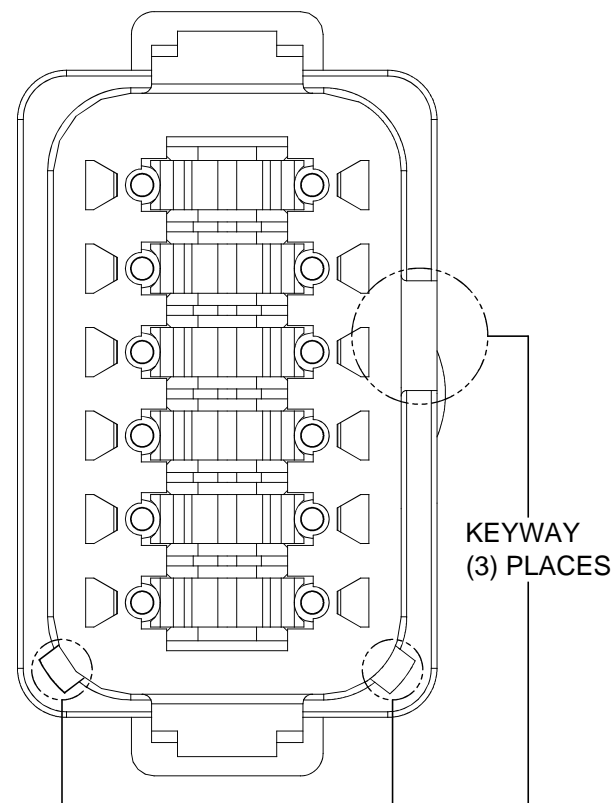
QUANTITY	SEE SHEET 2 PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = X		SIGNATURES DRAWN: JARRY CHECKED: ENGINEER: APPROVAL:	DATE 02JAN14
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		RECEPTACLE, 12 PIN, AT SERIES, KEYED	
NEXT ASSY:		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.	REVISION A3
		SIZE: B C- SCALE: NONE	DWG NO.: AT04-12PX-XXX SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

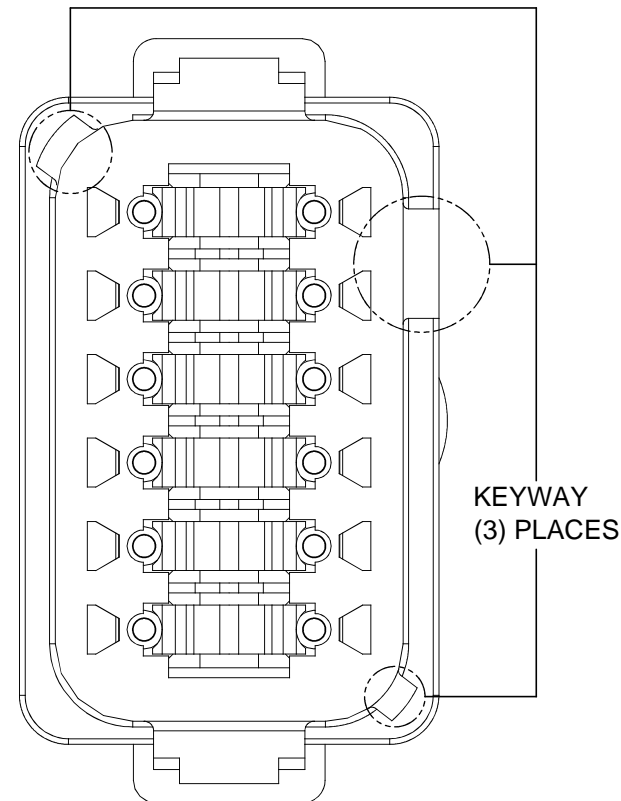
P/N AT04-12PA
KEY-A CONFIGURATION
STANDARD COLOR: GREY



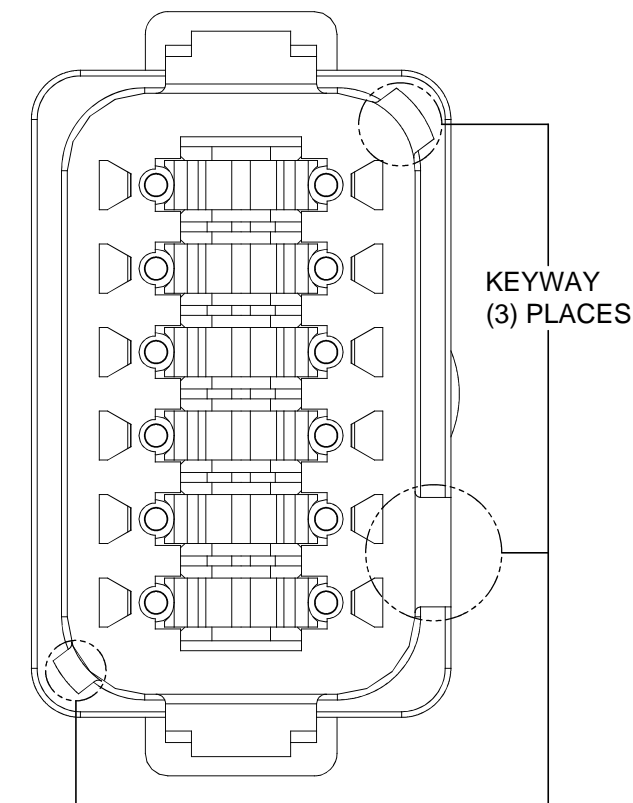
P/N AT04-12PB
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT04-12PC
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT04-12PD
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT04-12PA
BLACK	AT04-12PA-BLK
GREEN	AT04-12PA-GRN
BROWN	AT04-12PA-BRN

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PB-GRY
* BLACK	AT04-12PB
GREEN	AT04-12PB-GRN
BROWN	AT04-12PB-BRN

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PC-GRY
BLACK	AT04-12PC-BLK
* GREEN	AT04-12PC
BROWN	AT04-12PC-BRN

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PD-GRY
BLACK	AT04-12PD-BLK
GREEN	AT04-12PD-GRN
* BROWN	AT04-12PD

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.

TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED
DWG NO.: AT04-12PX-XXX
REV: A3
SH: 2
OF: 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 Fractions ±1/64 Angles ±1° 3) Note reference =		SIGNATURES DATE DRAWN: JARRY 02JAN14 CHECKED: ENGINEER: APPROVAL:	
MATERIAL SPECIFICATIONS:		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:		SCALE: NONE	
		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RECEPTACLE, 12 PIN, AT SERIES, KEYED	
		SIZE: B C-	REVISION: A3
		DWG NO.: AT04-12PX-XXX	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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[AT04-12PB](#)