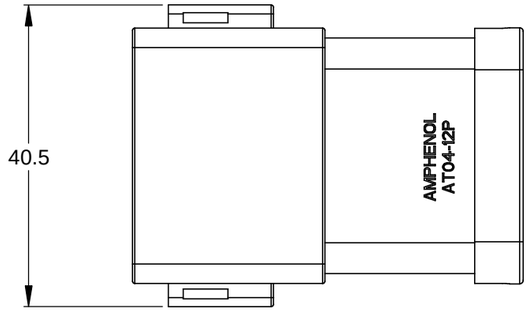
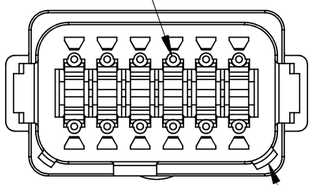
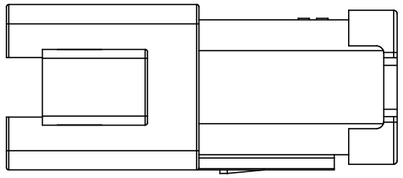
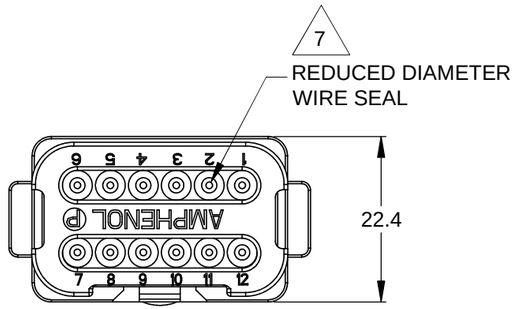
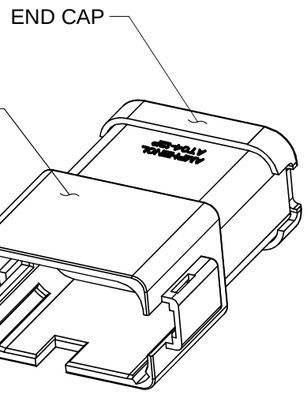
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	03JAN14	JARRY	-











NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

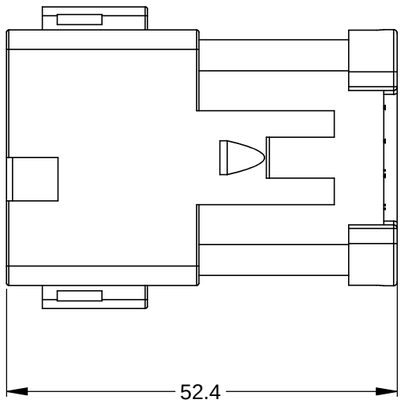
2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

3. MODIFICATIONS: END CAP;
   REDUCED DIA. WIRE SEAL

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	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

	SEE SHEET 2		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	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:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	JARRY	03JAN14
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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Amphenol

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

RECEPTACLE, 12 PIN, AT SERIES, KEYED
REDUCED DIAMETER WIRE SEAL, END CAP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT04-12PX-MMXXX	A3

SCALE: NONE SHEET 1 OF 2

TITLE: RECEP,12 PIN,AT,KEYED,REDUCED DIA WIRE SEAL,END CAP
DWG NO: AT04-12PX-MMXXX
REV: A3
SH: 1
OF: 2

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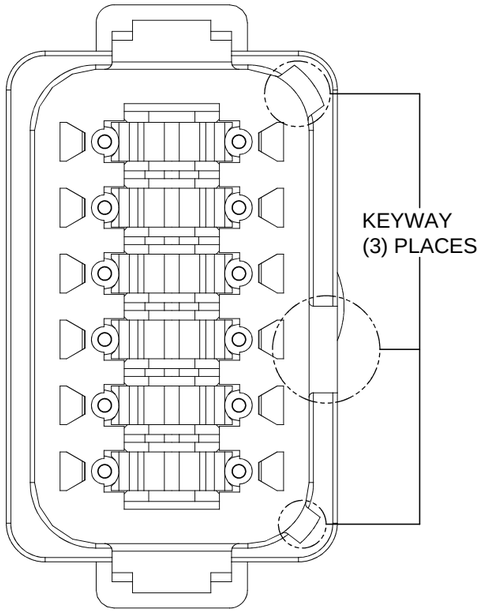
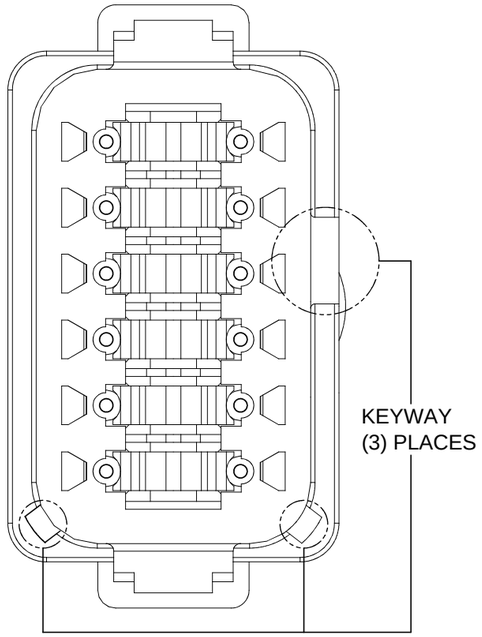
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	03JAN14	JARRY	-

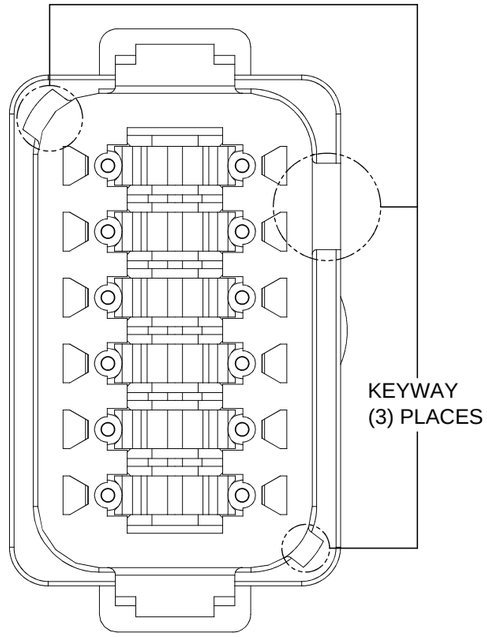
P/N AT04-12PA-MM01
KEY-A CONFIGURATION
STANDARD COLOR: GREY



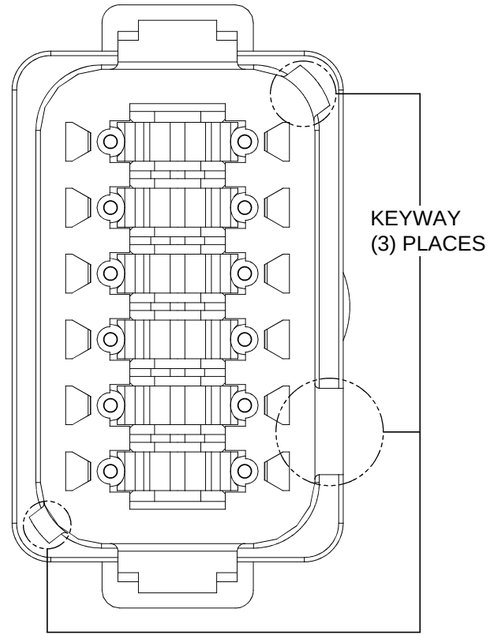
P/N AT04-12PB-MM01
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT04-12PC-MM01
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT04-12PD-MM01
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-A CONFIGURATION	
COLOR	PART NUMBER
✱ **GREY**	**AT04-12PA-MM01**
BLACK	AT04-12PA-MMBLK
GREEN	AT04-12PA-MMGRN
BROWN	AT04-12PA-MMBRN

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PB-MMGRY
✱ **BLACK**	**AT04-12PB-MM01**
GREEN	AT04-12PB-MMGRN
BROWN	AT04-12PB-MMBRN

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PC-MMGRY
BLACK	AT04-12PC-MMBLK
✱ **GREEN**	**AT04-12PC-MM01**
BROWN	AT04-12PC-MMBRN

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PD-MMGRY
BLACK	AT04-12PD-MMBLK
GREEN	AT04-12PD-MMGRN
✱ **BROWN**	**AT04-12PD-MM01**

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.

	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	JARRY	04JAN13
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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RECEPTACLE, 12 PIN, AT SERIES, KEYED REDUCED DIAMETER WIRE SEAL, END CAP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT04-12PX-MMXXX	A3

SCALE: NONE SHEET 2 OF 2

TITLE: RECEP,12 PIN,AT,KEYED,REDUCED DIA WIRE SEAL,END CAP
DWG NO: AT04-12PX-MMXXX
REV: A3
SH: 2
OF: 2

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