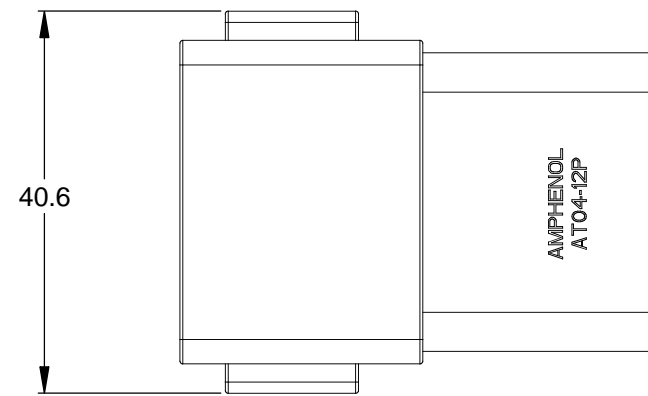
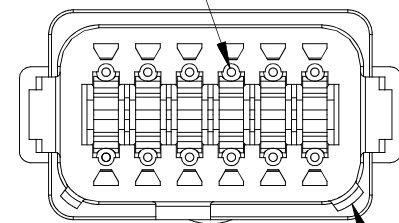


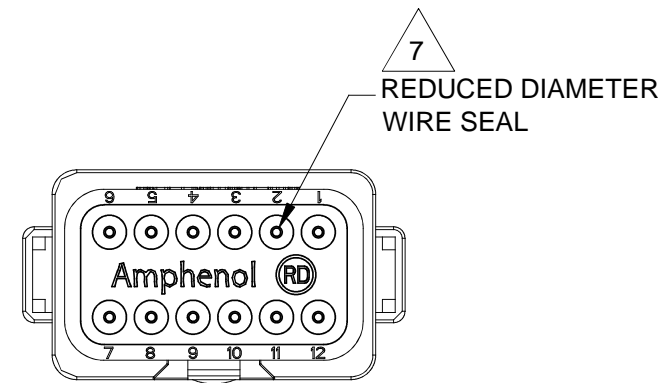
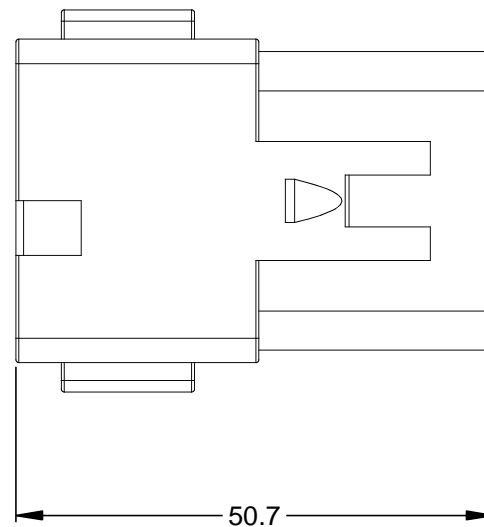
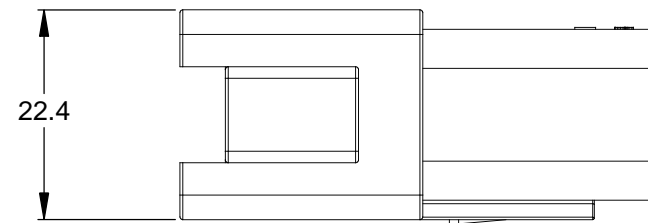
| REVISIONS |     |                            |         |     |      |
|-----------|-----|----------------------------|---------|-----|------|
| REV       | ECO | DESCRIPTION                | DATE    | BY  | APPR |
| A3        | -   | RELEASE NEW DRAWING FORMAT | 12NOV13 | DRP | -    |



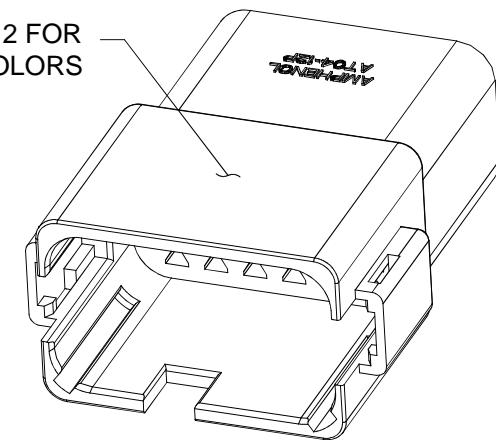
REQUIRES CONTACT RETENTION WEDGE AW12P



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: REDUCED DIAMETER 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        |

TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIA. SEAL

DWG NO: AT04-12PX-RDXXX

REV: A3

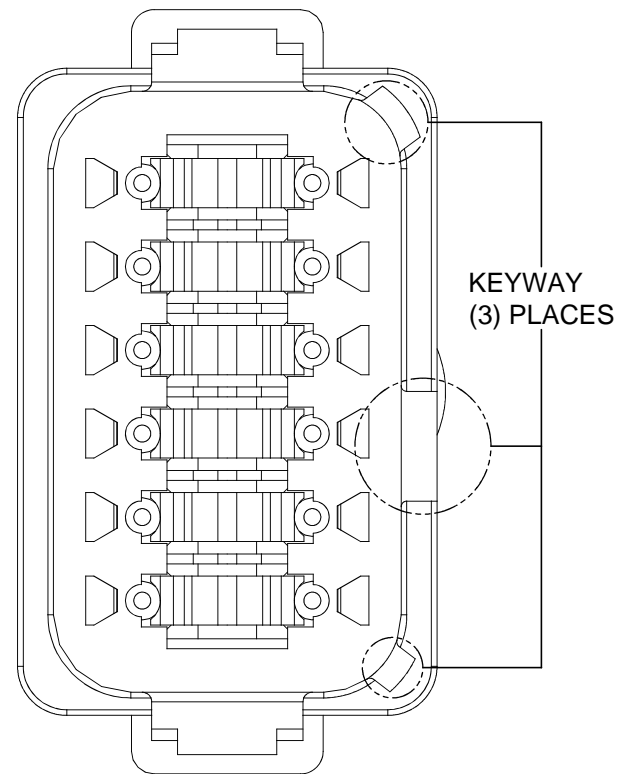
SH: 1

OF: 2

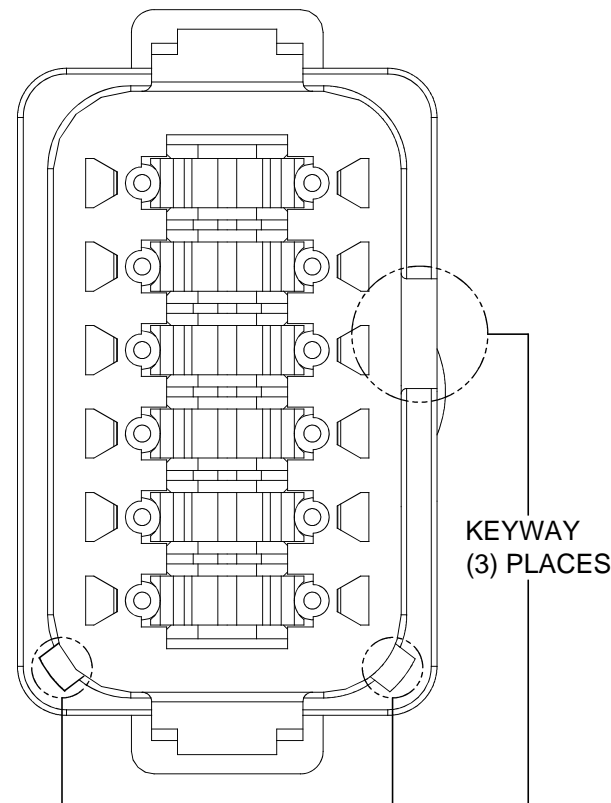
| QUANTITY   | SEE SHEET 2 PART NUMBER | DESCRIPTION   | ITEM |
|--|-------------------------|---|------|
| <b>MATERIALS LIST</b>  |                         |   |      |
| UNLESS OTHERWISE SPECIFIED   |                         | <p style="text-align: center;"><b>Amphenol</b></p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com<br/>44724 Morley Drive<br/>Clinton Township, MI 48036</p> <p style="text-align: center;"><b>RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIAMETER WIRE SEAL</b></p> |      |
| 1) All dimensions are in metric (mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08 |                         |   |      |
| Fractions ±1/64<br>Angles ±1°  |                         |   |      |
| 3) Note reference = X  |                         |   |      |
| SIGNATURES   |                         | DATE  |      |
| DRAWN: D.PARKS   |                         | 12NOV13   |      |
| 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   |      |
|  |                         | REVISION  |      |
|  |                         | SIZE: B C- DWG NO: AT04-12PX-RDXXX REVISION: A3   |      |
|  |                         | SHEET 1 OF 2  |      |

| REVISIONS |     |             |      |    |      |
|-----------|-----|-------------|------|----|------|
| REV       | ECO | DESCRIPTION | DATE | BY | APPR |

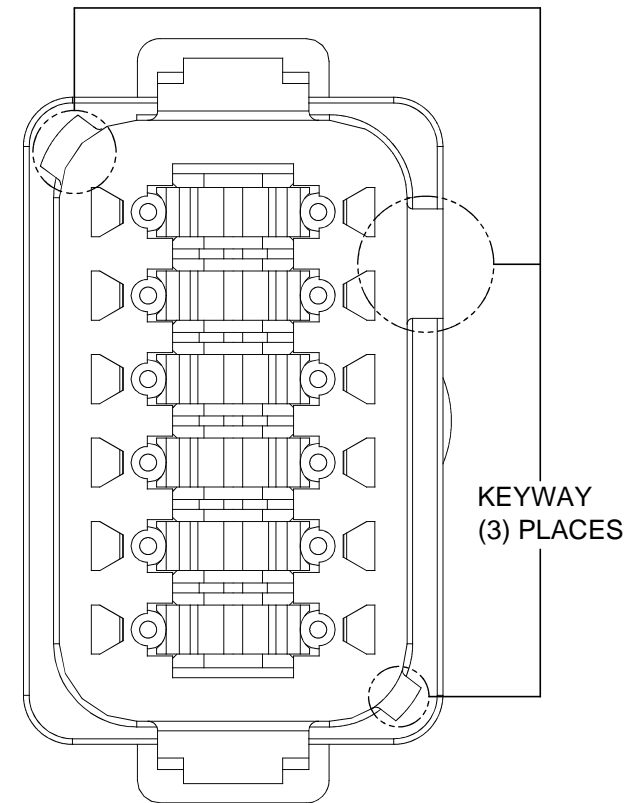
P/N AT04-12PA-RD01  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



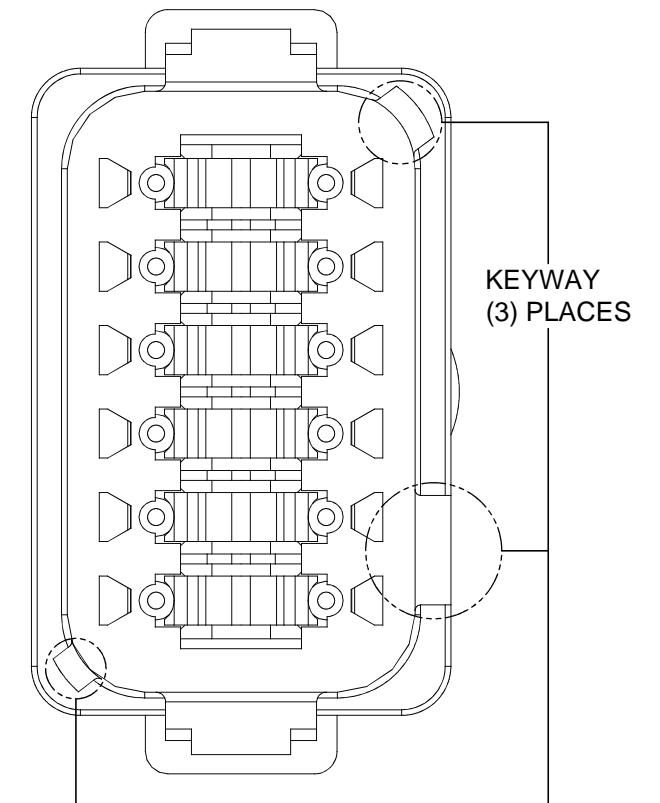
P/N AT04-12PB-RD01  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



P/N AT04-12PC-RD01  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



P/N AT04-12PD-RD01  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



| KEY-A CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| * GREY              | AT04-12PA-RD01  |
| BLACK               | AT04-12PA-RDBLK |
| GREEN               | AT04-12PA-RDGRN |
| BROWN               | AT04-12PA-RDBRN |

| KEY-B CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-12PB-RDGRY |
| * BLACK             | AT04-12PB-RD01  |
| GREEN               | AT04-12PB-RDGRN |
| BROWN               | AT04-12PB-RDBRN |

| KEY-C CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-12PC-RDGRY |
| BLACK               | AT04-12PC-RDBLK |
| * GREEN             | AT04-12PC-RD01  |
| BROWN               | AT04-12PC-RDBRN |

| KEY-D CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-12PD-RDGRY |
| BLACK               | AT04-12PD-RDBLK |
| GREEN               | AT04-12PD-RDGRN |
| * BROWN             | AT04-12PD-RD01  |

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, REDUCED DIA. SEAL  
DWG NO.: AT04-12PX-RDXXX  
REV: A3  
SH: 2  
OF: 2

| QUANTITY   | PART NUMBER | DESCRIPTION  | ITEM     |            |         |          |         |          |                 |           |  |           |  |           |  |
|--|-------------|--|----------|------------|---------|----------|---------|----------|-----------------|-----------|--|-----------|--|-----------|--|
| <b>MATERIALS LIST</b>  |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| UNLESS OTHERWISE SPECIFIED:<br>1) All dimensions are in metric (mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>Fractions ±1/64<br>Angles ±1°<br>3) Note reference =  |             | <table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>D.PARKS</td> <td>12NOV13</td> </tr> <tr> <td>CHECKED:</td> <td></td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL:</td> <td></td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>     |          | SIGNATURES | DATE    | D.PARKS  | 12NOV13 | CHECKED: |                 | ENGINEER: |  | APPROVAL: |  | CUSTOMER: |  |
| SIGNATURES   | DATE        |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| D.PARKS  | 12NOV13     |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| CHECKED:   |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| ENGINEER:  |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| APPROVAL:  |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| CUSTOMER:  |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| MATERIAL SPECIFICATIONS:   |             | <p style="text-align: center;"><b>Amphenol</b></p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com<br/>44724 Morley Drive<br/>Clinton Township, MI 48036</p> <p style="text-align: center;">RECEPTACLE, 12 PIN, AT SERIES,<br/>KEYED, REDUCED DIAMETER WIRE SEAL</p> |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| PROCESS SPECIFICATIONS:  |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
| NEXT ASSY:   |             |  |          |            |         |          |         |          |                 |           |  |           |  |           |  |
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| SIZE   | TYPE        | DWG NO.  | REVISION |            |         |          |         |          |                 |           |  |           |  |           |  |
| B  | C-          | AT04-12PX-RDXXX  | A3       |            |         |          |         |          |                 |           |  |           |  |           |  |
| SCALE: NONE  |             | SHEET 2 OF 2   |          |            |         |          |         |          |                 |           |  |           |  |           |  |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.