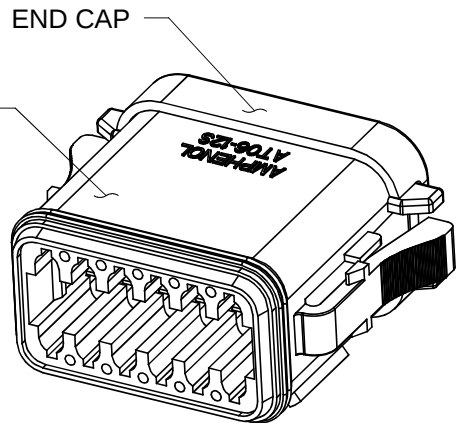
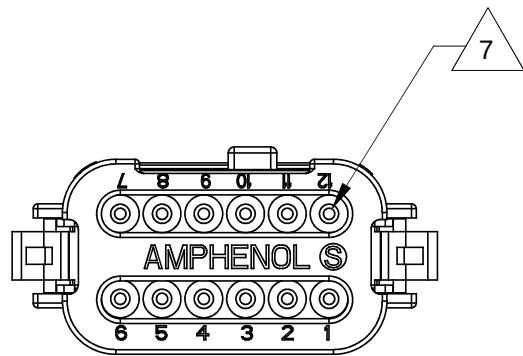
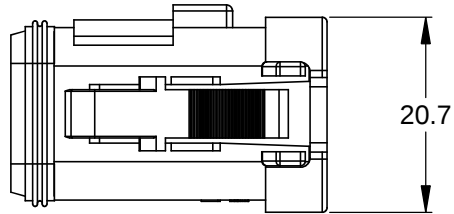
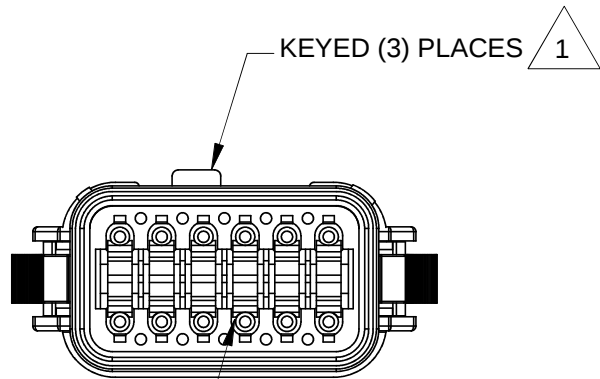
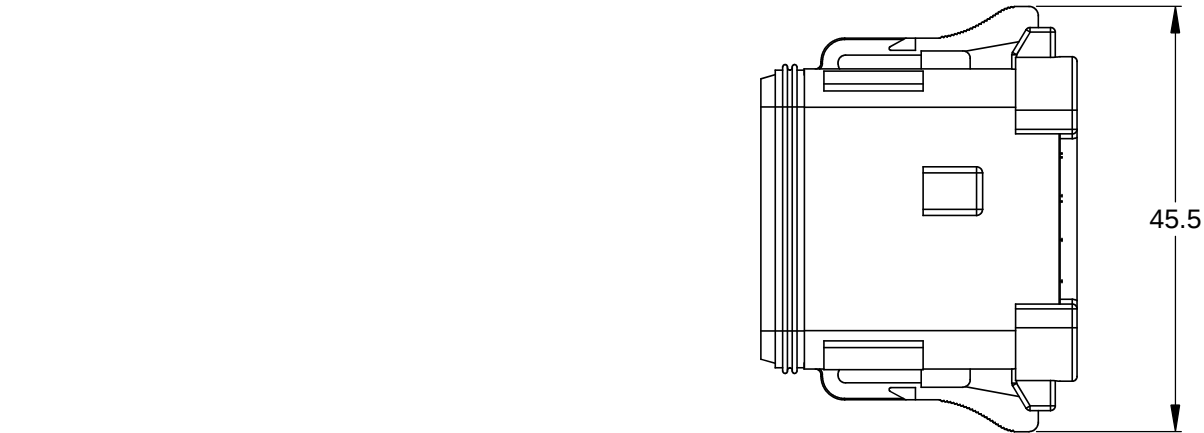


| REVISIONS |     |                            |         |       |      |
|-----------|-----|----------------------------|---------|-------|------|
| REV       | ECO | DESCRIPTION                | DATE    | BY    | APPR |
| A3        | -   | RELEASE NEW DRAWING FORMAT | 02JAN14 | JARRY | -    |



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: END CAP

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: AT04-12PX\* RECEPTACLE  
( X = A,B,C,D KEYS; \* = MODIFICATIONS AND COLORS )

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

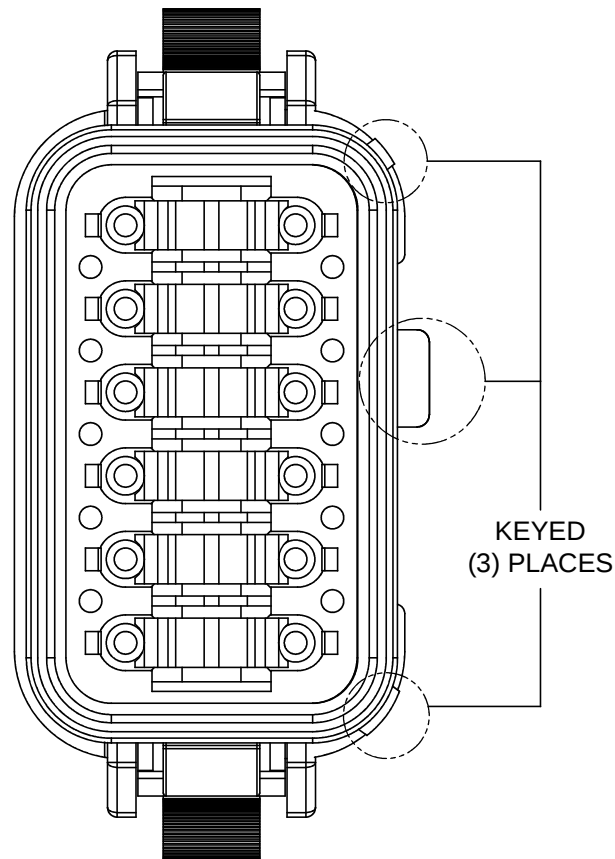
7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

| 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        |

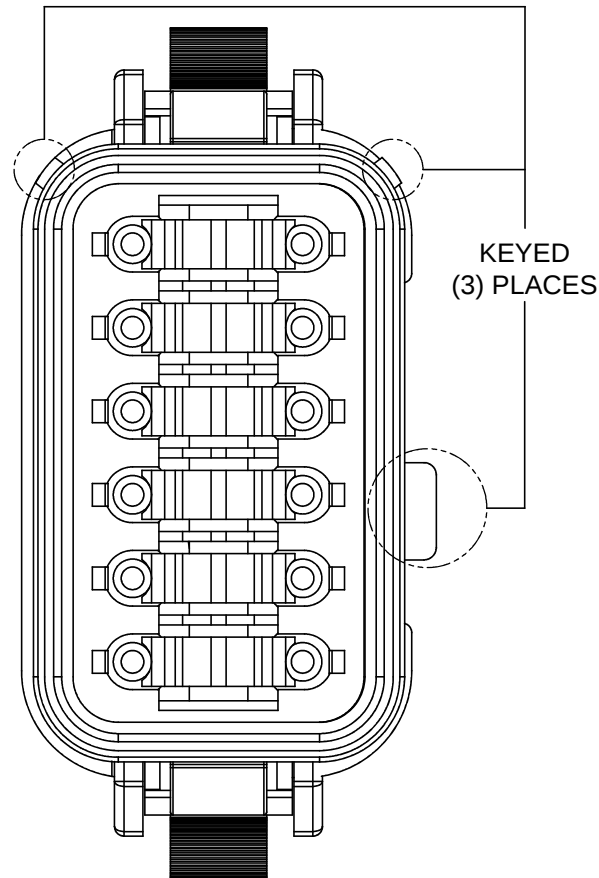
|                                                                                                           |                |                                                                                                                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SEE SHEET 2                                                                                               |                |                                                                                                                                                                                                                                                                      |  |
| PART NUMBER                                                                                               |                | DESCRIPTION                                                                                                                                                                                                                                                          |  |
| ITEM                                                                                                      |                |                                                                                                                                                                                                                                                                      |  |
| QUANTITY                                                                                                  | MATERIALS LIST |                                                                                                                                                                                                                                                                      |  |
| UNLESS OTHERWISE SPECIFIED                                                                                |                | SIGNATURES                                                                                                                                                                                                                                                           |  |
| 1) All dimensions are in metric(mm).                                                                      |                | DATE                                                                                                                                                                                                                                                                 |  |
| 2) Tolerances are as follows:                                                                             |                | DRAWN: JARRY 02JAN14                                                                                                                                                                                                                                                 |  |
| 1 PL DEC ±0.30                                                                                            |                | CHECKED:                                                                                                                                                                                                                                                             |  |
| 2 PL DEC ±0.15                                                                                            |                | ENGINEER:                                                                                                                                                                                                                                                            |  |
| 3 PL DEC ±0.08                                                                                            |                | APPROVAL:                                                                                                                                                                                                                                                            |  |
| 3) Note reference =  |                | CUSTOMER:                                                                                                                                                                                                                                                            |  |
| 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. |  |
| PROCESS SPECIFICATIONS:                                                                                   |                | SIZE TYPE DWG NO. REVISION                                                                                                                                                                                                                                           |  |
| NEXT ASS'Y:                                                                                               |                | B C- AT06-12SX-ECXXX A3                                                                                                                                                                                                                                              |  |
|                                                                                                           |                | SCALE: NONE                                                                                                                                                                                                                                                          |  |
|                                                                                                           |                | SHEET 1 OF 2                                                                                                                                                                                                                                                         |  |

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

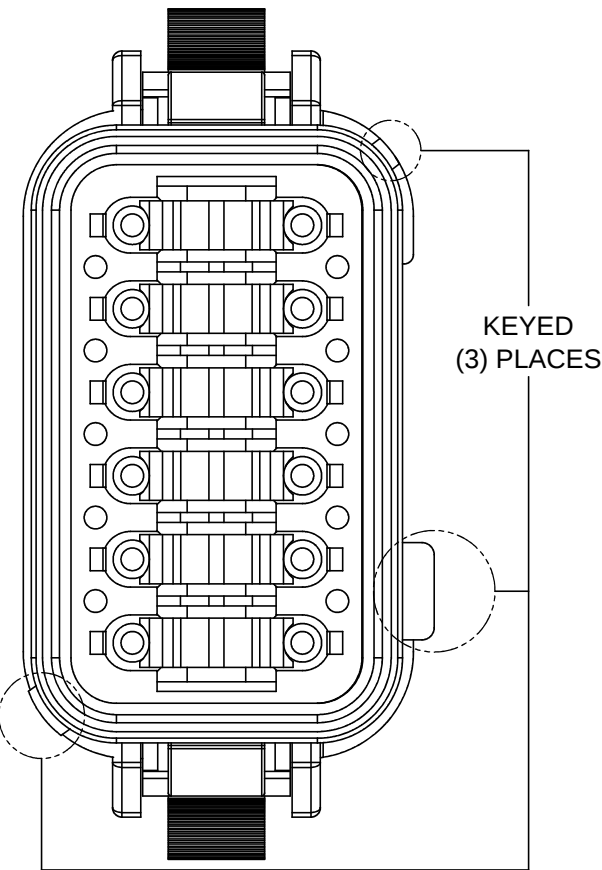
P/N AT06-12SA-EC01  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



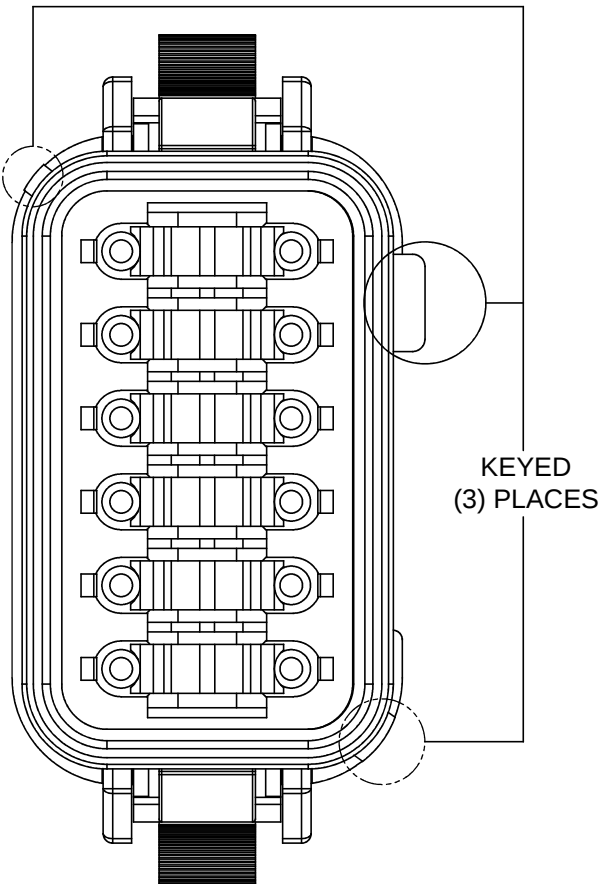
P/N AT06-12SB-EC01  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



P/N AT06-12SC-EC01  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



P/N AT06-12SD-EC01  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



| KEY-A CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| *GREY               | AT06-12SA-EC01  |
| BLACK               | AT06-12SA-ECBLK |
| GREEN               | AT06-12SA-ECGRN |
| BROWN               | AT06-12SA-ECBRN |

| KEY-B CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SB-ECGRY |
| *BLACK              | AT06-12SB-EC01  |
| GREEN               | AT06-12SB-ECGRN |
| BROWN               | AT06-12SB-ECBRN |

| KEY-C CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SC-ECGRY |
| BLACK               | AT06-12SC-ECBLK |
| *GREEN              | AT06-12SC-EC01  |
| BROWN               | AT06-12SC-ECBRN |

| KEY-D CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SD-ECGRY |
| BLACK               | AT06-12SD-ECBLK |
| GREEN               | AT06-12SD-ECGRN |
| *BROWN              | AT06-12SD-EC01  |

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<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>3) Note reference = |             | SIGNATURES<br>DRAWN: JARRY<br>CHECKED:<br>ENGINEER:<br>APPROVAL:<br>DATE<br>02JAN14                                                                                                                                                                                  | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com<br/>44724 Morley Drive<br/>Clinton Township, MI 48036</div> <div>PLUG, 12 SOCKET, AT SERIES<br/>KEYED, END CAP</div> |
| 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:                                                                                                                                                                       |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                    |
| SIZE<br>B                                                                                                                                                                        | TYPE<br>C-  | DWG NO:<br>AT06-12SX-ECXXX                                                                                                                                                                                                                                           | REVISION<br>A3                                                                                                                                                                     |
| SCALE:<br>NONE                                                                                                                                                                   |             | SHEET 2 OF 2                                                                                                                                                                                                                                                         |                                                                                                                                                                                    |

|          |                                        |
|----------|----------------------------------------|
| TITLE:   | PLUG,12 SOCKET,AT SERIES,KEYED,END CAP |
| DWG NO.: | AT06-12SX-ECXXX                        |
| REV:     | A3                                     |
| SH:      | 2                                      |
| OF:      | 2                                      |

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