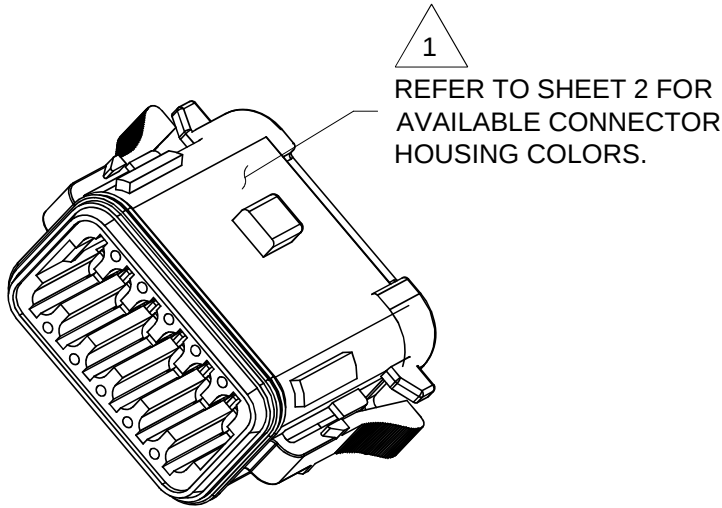
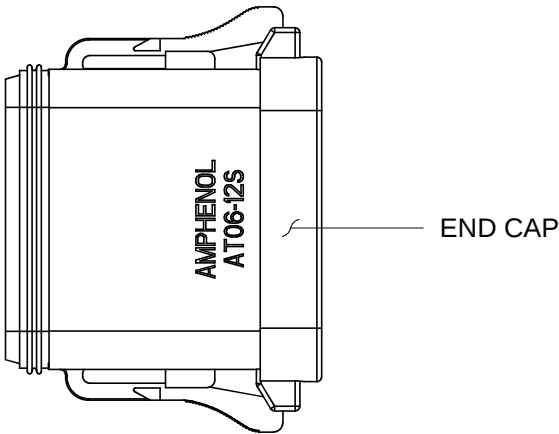
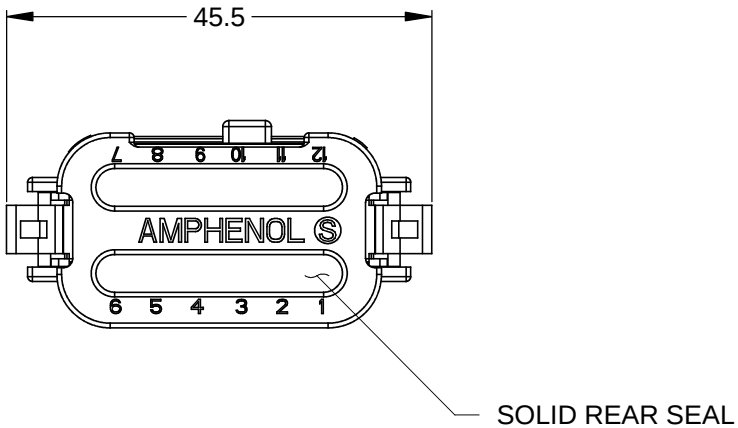
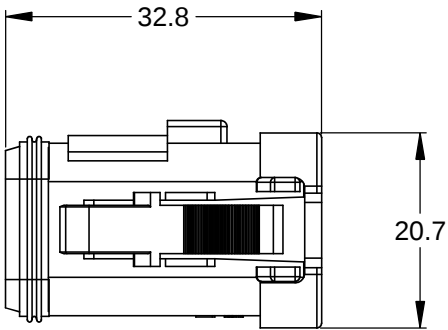
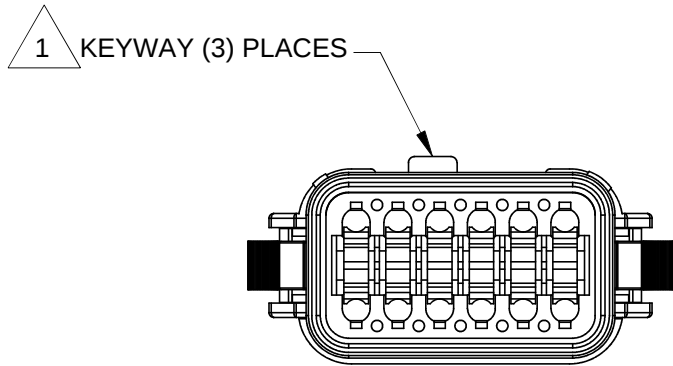


| REVISIONS |     |                        |           |       |      |
|-----------|-----|------------------------|-----------|-------|------|
| REV       | ECO | DESCRIPTION            | DATE      | BY    | APPR |
| A3        | -   | RELEASE NEW DWG FORMAT | 03/JAN/14 | ORION |      |



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER

3. MODIFICATIONS: SOLID REAR SEAL; 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.

|                                                                                                                                                                                                                                                                      |                |                                                                                                                                            |                                      |                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| SEE SHEET 2                                                                                                                                                                                                                                                          |                | DESCRIPTION                                                                                                                                |                                      | ITEM                                                                                                                                    |
| PART NUMBER                                                                                                                                                                                                                                                          |                |                                                                                                                                            |                                      |                                                                                                                                         |
| QUANTITY                                                                                                                                                                                                                                                             | MATERIALS LIST |                                                                                                                                            |                                      |                                                                                                                                         |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = <div><div>x</div></div></div>  |                | <div>SIGNATURES</div> <div>DRAWN: ORION.LI</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div>        | <div>DATE</div> <div>03/JAN/14</div> | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                             |                | PLUG, 12 SOCKET, AT SERIES,<br>KEYED, SOLID REAR SEAL, END CAP                                                                             |                                      |                                                                                                                                         |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                              |                | <div>SIZE</div> <div>B</div> <div>TYPE</div> <div>C-</div> <div>DWG NO:</div> <div>AT06-12SX-SSXXX</div> <div>REVISION</div> <div>A3</div> |                                      |                                                                                                                                         |
| NEXT ASS'Y:                                                                                                                                                                                                                                                          |                | <div>SCALE:</div> <div>NONE</div>                                                                                                          |                                      | <div>SHEET</div> <div>1</div> <div>OF</div> <div>2</div>                                                                                |
| 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. |                |                                                                                                                                            |                                      |                                                                                                                                         |

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYED, SOLID REAR SEAL, END CAP

DWG NO.: AT06-12SX-SSXXX

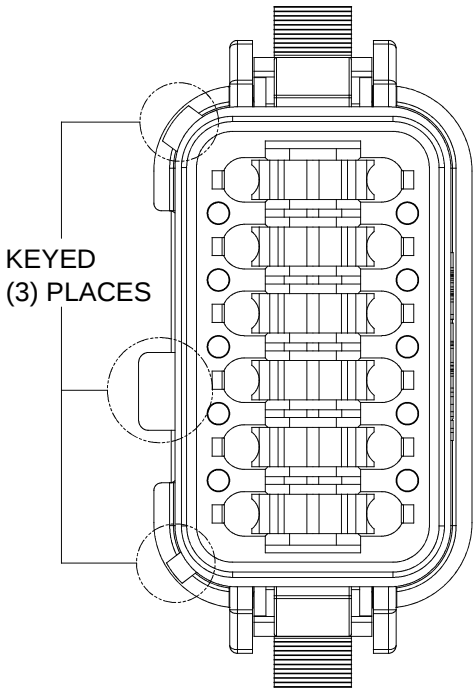
REV: A3

SH: 1

OF: 2

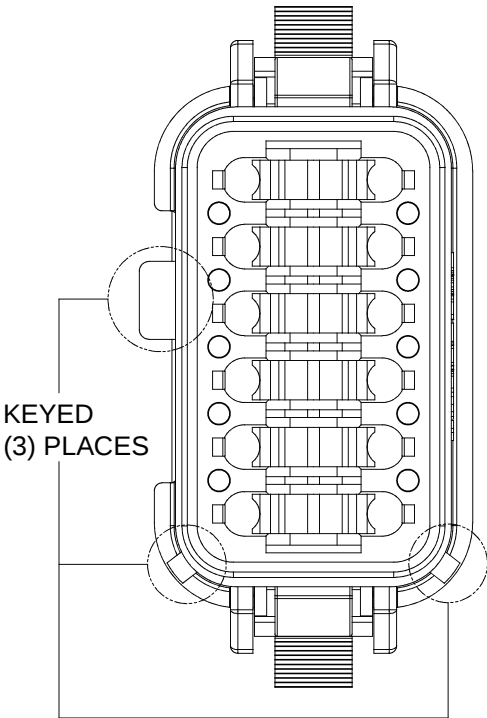
| REVISIONS |     |             |      |    |      |
|-----------|-----|-------------|------|----|------|
| REV       | ECO | DESCRIPTION | DATE | BY | APPR |

P/N AT06-12SA-SS01  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



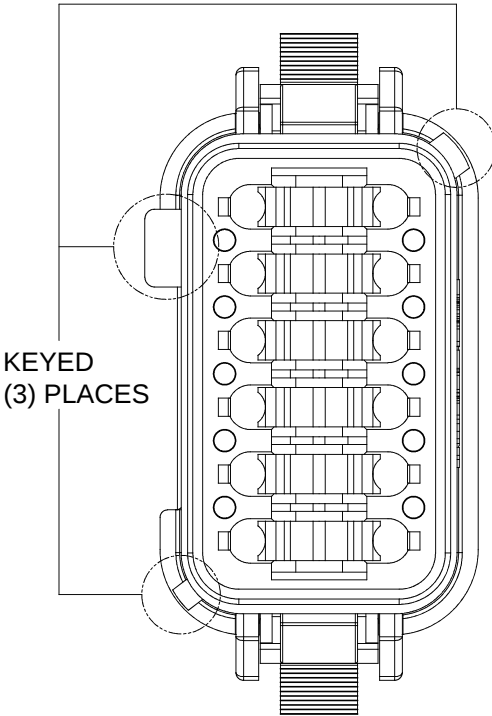
| KEY-A CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| * GREY              | AT06-12SA-SS01  |
| BLACK               | AT06-12SA-SSBLK |
| GREEN               | AT06-12SA-SSGRN |
| BROWN               | AT06-12SA-SSBRN |

P/N AT06-12SB-SS01  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



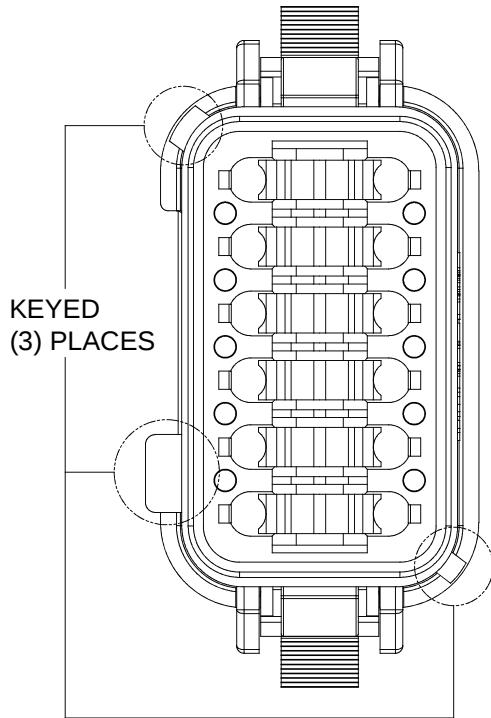
| KEY-B CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SB-SSGRY |
| * BLACK             | AT06-12SB-SS01  |
| GREEN               | AT06-12SB-SSGRN |
| BROWN               | AT06-12SB-SSBRN |

P/N AT06-12SC-SS01  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



| KEY-C CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SC-SSGRY |
| BLACK               | AT06-12SC-SSBLK |
| * GREEN             | AT06-12SC-SS01  |
| BROWN               | AT06-12SC-SSBRN |

P/N AT06-12SD-SS01  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



| KEY-D CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT06-12SD-SSGRY |
| BLACK               | AT06-12SD-SSBLK |
| GREEN               | AT06-12SD-SSGRN |
| * BROWN             | AT06-12SD-SS01  |

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: ORION.LI<br>CHECKED:<br>ENGINEER:<br>APPROVAL:<br>DATE<br>03/JAN/14                                                                                                                                                                             | <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, SOLID REAR SEAL, 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-SSXXX                                                                                                                                                                                                                                           | REVISION<br>A3                                                                                                                                                                                       |
|                                                                                                                                                                                  |             | SCALE:<br>NONE                                                                                                                                                                                                                                                       | SHEET 2 OF 2                                                                                                                                                                                         |

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYED, SOLID REAR SEAL, END CAP  
DWG NO.: AT06-12SX-SSXXX  
REV: A3  
SH: 2  
OF: 2