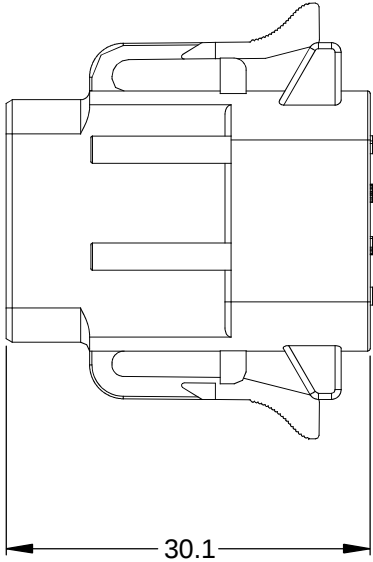
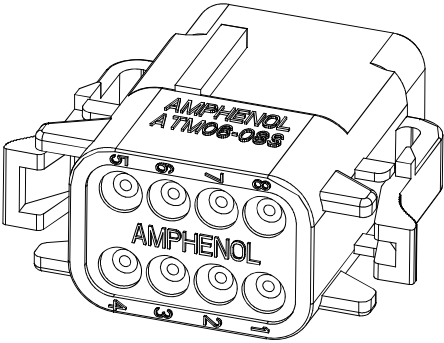
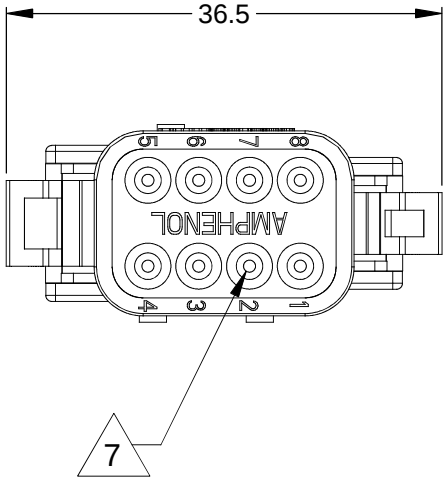
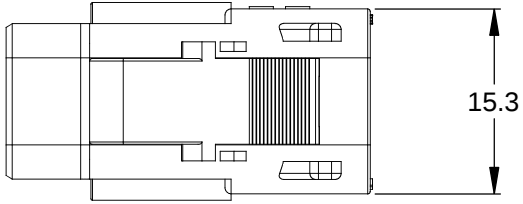
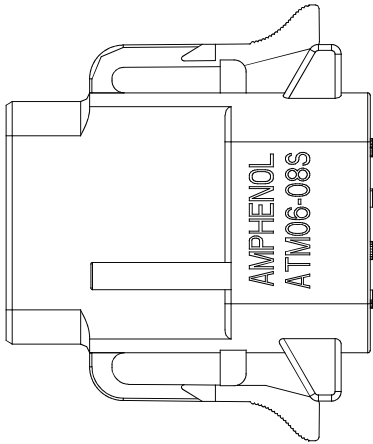
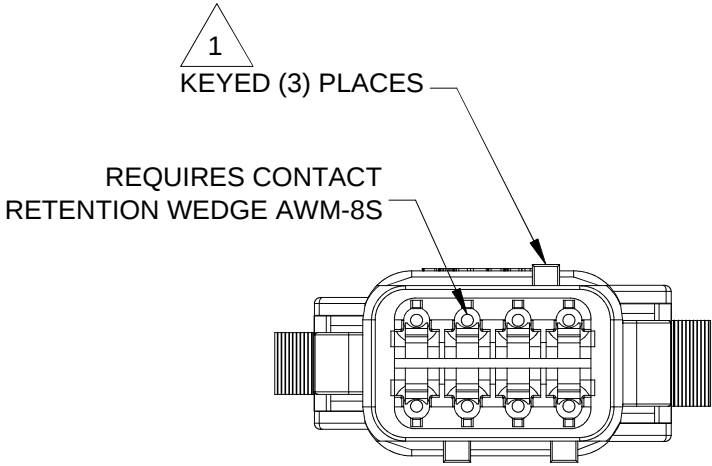


| REVISIONS |     |                        |           |     |      |
|-----------|-----|------------------------|-----------|-----|------|
| REV       | ECO | DESCRIPTION            | DATE      | BY  | APPR |
| A3        |     | RELEASE NEW DWG FORMAT | 18/JUN/13 | DRP |      |



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: 7.5 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: ATM04-08PX\* 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<br>SIZE | MIN. INSUL<br>O.D.   | MAX. INSUL<br>O.D.   | WIRE RANGE  |
|-----------------|----------------------|----------------------|-------------|
| 20              | 1.35 mm<br>(.053 in) | 3.05 mm<br>(.120 in) | 16 - 22 AWG |

|                                                                                                                                                                                                                                                                                                                                                                                    |                |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SEE SHEET 2                                                                                                                                                                                                                                                                                                                                                                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |
| PART NUMBER                                                                                                                                                                                                                                                                                                                                                                        |                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
| 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>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = </div> |                | <div>SIGNATURES</div> <div>DRAWN: D.PARKS</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div> <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.</div> | <div>DATE</div> <div>18/JUN/13</div> <div><div>Amphenol</div><div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div><div>44724 Morley Drive</div><div>Clinton Township, MI 48036</div></div> |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                                                                                           |                | PLUG, KEYED, 8 SOCKET, ATM SERIES                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                 |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                                                                                                            |                | SIZE                                                                                                                                                                                                                                                                                                                                                                                                               | REVISION                                                                                                                                                                                                                        |
| NEXT ASS'Y:                                                                                                                                                                                                                                                                                                                                                                        |                | TYPE                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                    |                | DWG NO:                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                    |                | B C-                                                                                                                                                                                                                                                                                                                                                                                                               | A3                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                    |                | ATM06-08SX-XXX                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                    |                | SCALE: NONE                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                    |                | SHEET 1                                                                                                                                                                                                                                                                                                                                                                                                            | OF 2                                                                                                                                                                                                                            |

TITLE: PLUG, KEYED, 8 SOCKET, ATM SERIES  
DWG NO.: ATM06-08SX-XXX  
REV: A3  
SH: 1  
OF: 2

REV

ECO

DESCRIPTION

DATE

BY

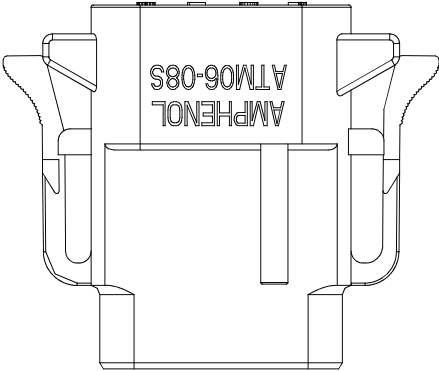
APPR

REVISIONS

P/N ATM06-08SA

KEY-A CONFIGURATION

STANDARD COLOR: GREY



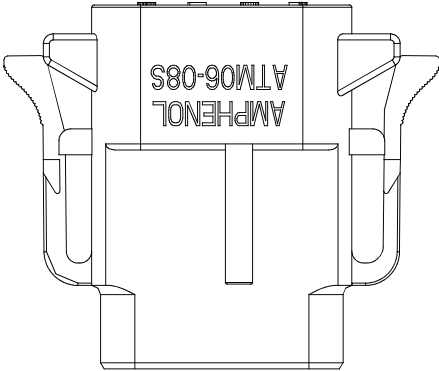
KEYED (3) PLACES

| KEY-A CONFIGURATION |                |
|---------------------|----------------|
| COLOR               | PART NUMBER    |
| * GREY              | ATM06-08SA     |
| BLACK               | ATM06-08SA-BLK |
| GREEN               | ATM06-08SA-GRN |
| BROWN               | ATM06-08SA-BRN |

P/N ATM06-08SB

KEY-B CONFIGURATION

STANDARD COLOR: BLACK



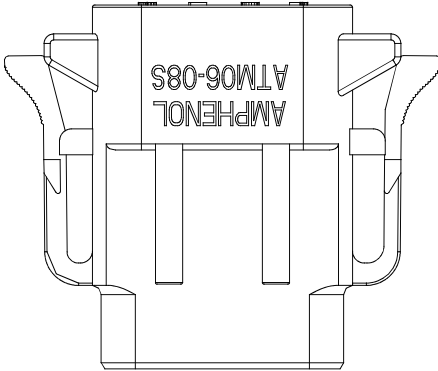
KEYED (3) PLACES

| KEY-B CONFIGURATION |                |
|---------------------|----------------|
| COLOR               | PART NUMBER    |
| GREY                | ATM06-08SB-GRY |
| * BLACK             | ATM06-08SB     |
| GREEN               | ATM06-08SB-GRN |
| BROWN               | ATM06-08SB-BRN |

P/N ATM06-08SC

KEY-C CONFIGURATION

STANDARD COLOR: GREEN



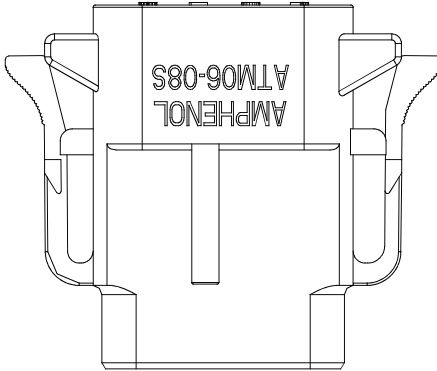
KEYED (3) PLACES

| KEY-C CONFIGURATION |                |
|---------------------|----------------|
| COLOR               | PART NUMBER    |
| GREY                | ATM06-08SC-GRY |
| BLACK               | ATM06-08SC-BLK |
| * GREEN             | ATM06-08SC     |
| BROWN               | ATM06-08SC-BRN |

P/N ATM06-08SD

KEY-D CONFIGURATION

STANDARD COLOR: BROWN



KEYED (3) PLACES

| KEY-D CONFIGURATION |                |
|---------------------|----------------|
| COLOR               | PART NUMBER    |
| GREY                | ATM06-08SD-GRY |
| BLACK               | ATM06-08SD-BLK |
| GREEN               | ATM06-08SD-GRN |
| * BROWN             | ATM06-08SD     |

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: D.PARKS<br>CHECKED:<br>ENGINEER:<br>APPROVAL:<br>CUSTOMER:<br>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. | DATE<br>18/JUN/13 |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                               |             | Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036                                                                                                                                                                                                                                                                |                   |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                |             | PLUG, KEYED, 8 SOCKET, ATM SERIES                                                                                                                                                                                                                                                                                                                       |                   |
| NEXT ASSY:                                                                                                                                                                                                                                                             |             | SIZE B C- DWG NO: ATM06-08SX-XXX REVISION A3                                                                                                                                                                                                                                                                                                            |                   |
|                                                                                                                                                                                                                                                                        |             | SCALE: NONE SHEET 2 OF 2                                                                                                                                                                                                                                                                                                                                |                   |

TITLE: PLUG, KEYED, 8 SOCKET, ATM SERIES

DWG NO: ATM06-08SX-XXX

REV: A3

SH: 2

OF: 2

# Mouser Electronics

Authorized Distributor

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