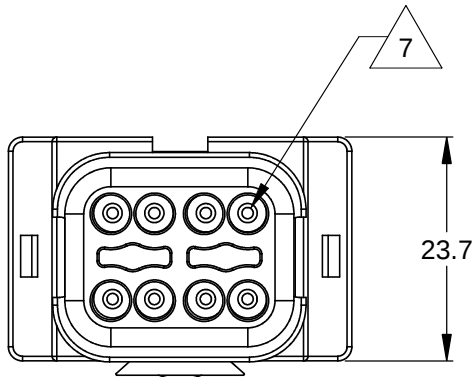
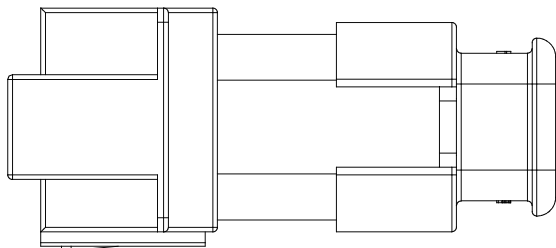
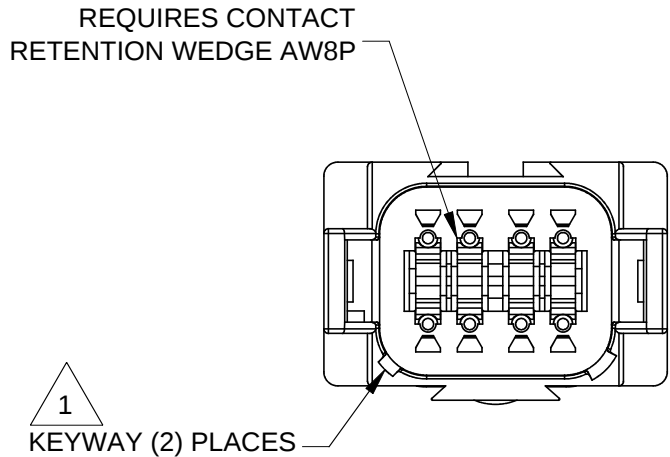
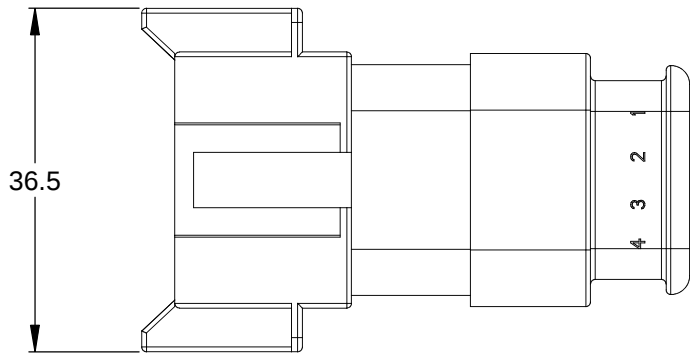
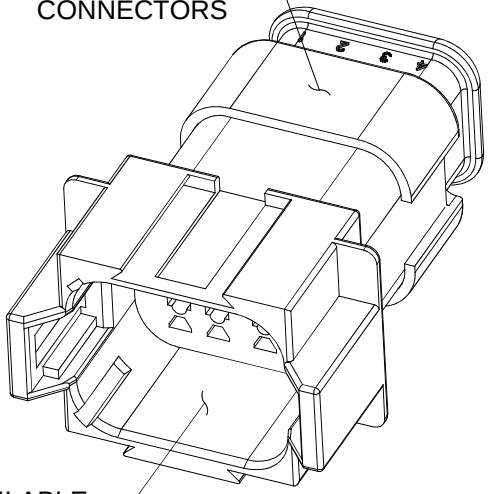


| REVISIONS |     |                            |         |     |      |
|-----------|-----|----------------------------|---------|-----|------|
| REV       | ECO | DESCRIPTION                | DATE    | BY  | APPR |
| A3        | -   | RELEASE NEW DRAWING FORMAT | 11DEC13 | DRP | -    |



STRAIN RELIEF  
END CAP -  
BLACK - ALL  
CONNECTORS



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER

3. MODIFICATIONS: STRAIN RELIEF 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: AT06-08SX\* 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<br>SIZE | MIN. INSUL<br>O.D.   | MAX. INSUL<br>O.D.   | TYPICAL<br>WIRE RANGE |
|-----------------|----------------------|----------------------|-----------------------|
| 16              | 2.24 mm<br>(.088 in) | 3.68 mm<br>(.145 in) | 14 - 20 AWG           |

1 REFER TO SHEET 2 FOR AVAILABLE  
CONNECTOR HOUSING COLORS

|                                                                                                                                                                                                                                                                                                                      |                |                                                                                                                                                                                                                                                                      |                                    |                                                                                                                                                                                    |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 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>x</div></div></div> |                | <div>SIGNATURES</div> <div>DRAWN: D.PARKS</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div>                                                                                                                                   | <div>DATE</div> <div>11DEC13</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> |             |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                             |                | RECEPTACLE, 8 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP                                                                                                                                                                                                           |                                    |                                                                                                                                                                                    |             |
| 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 B                                                                                                                                                                                                                                                               | TYPE C-                            | DWG NO: AT04-08PX-SRXXX                                                                                                                                                            | REVISION A3 |
|                                                                                                                                                                                                                                                                                                                      |                | SCALE: NONE                                                                                                                                                                                                                                                          |                                    | SHEET 1 OF 2                                                                                                                                                                       |             |

TITLE: RECEPTACLE 8 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP

DWG NO.: AT04-08PX-SRXXX

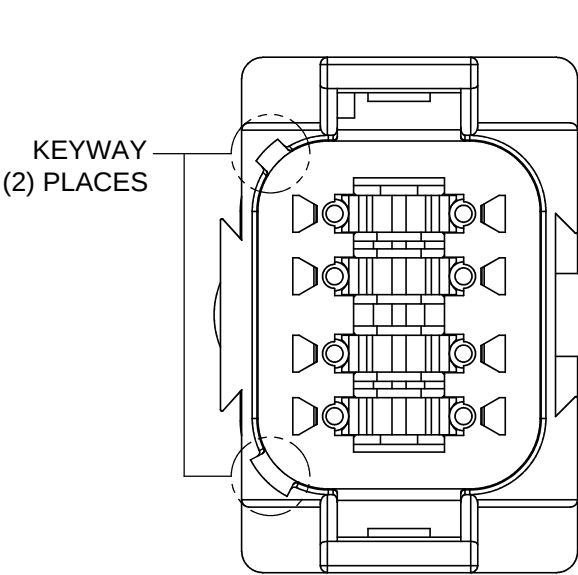
REV: A3

SH: 1

OF: 2

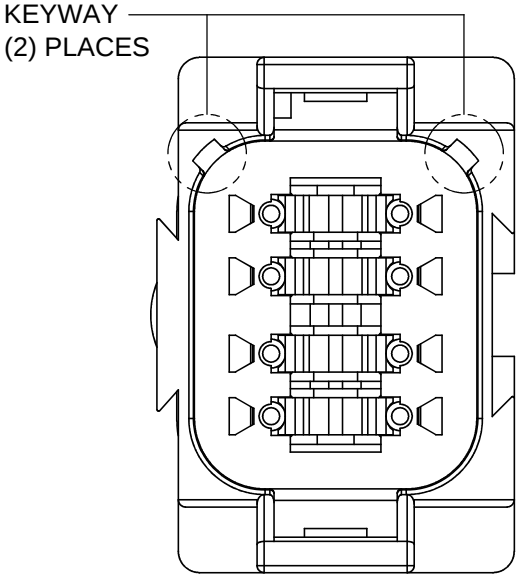
| REVISIONS |     |             |      |    |      |
|-----------|-----|-------------|------|----|------|
| REV       | ECO | DESCRIPTION | DATE | BY | APPR |

P/N AT04-08PA-SRGRY  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



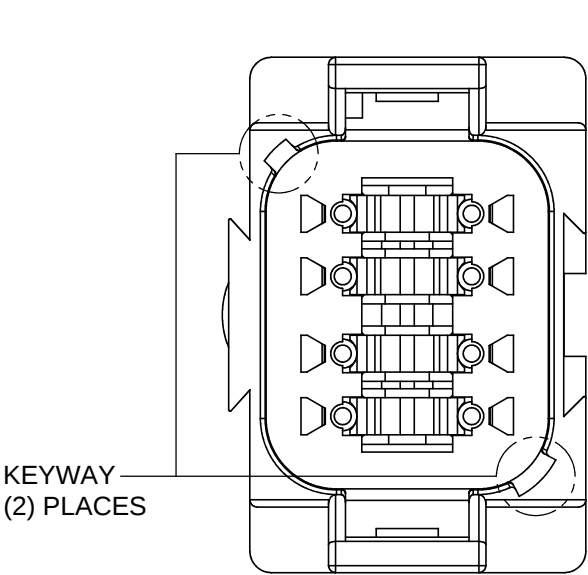
| KEY-A CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| *GREY               | AT04-08PA-SRGRY |
| BLACK               | AT04-08PA-SRBK  |
| GREEN               | AT04-08PA-SRGN  |
| BROWN               | AT04-08PA-SRBR  |

P/N AT04-08PB-SRBK  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



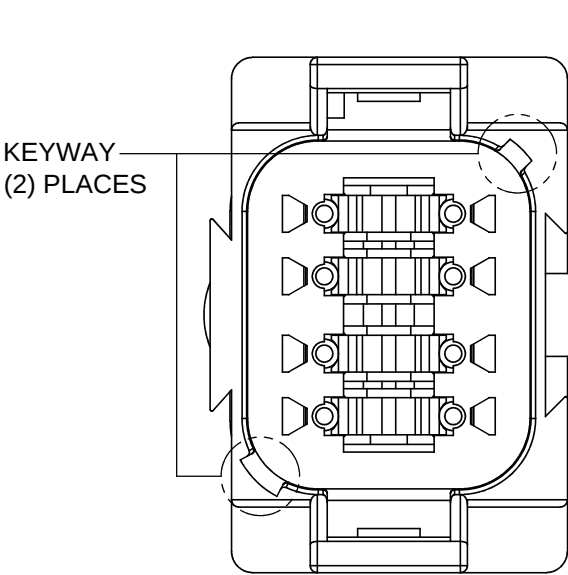
| KEY-B CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-08PB-SRGRY |
| *BLACK              | AT04-08PB-SRBK  |
| GREEN               | AT04-08PB-SRGN  |
| BROWN               | AT04-08PB-SRBR  |

P/N AT04-08PC-SRGN  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



| KEY-C CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-08PC-SRGRY |
| BLACK               | AT04-08PC-SRBK  |
| *GREEN              | AT04-08PC-SRGN  |
| BROWN               | AT04-08PC-SRBR  |

P/N AT04-08PD-SRBR  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



| KEY-D CONFIGURATION |                 |
|---------------------|-----------------|
| COLOR               | PART NUMBER     |
| GREY                | AT04-08PD-SRGRY |
| BLACK               | AT04-08PD-SRBK  |
| GREEN               | AT04-08PD-SRGN  |
| *BROWN              | AT04-08PD-SRBR  |

NOTE:

AN ASTERISKS ( \* ) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE. STRAIN RELIEF END CAPS ARE AVAILABLE IN BLACK ONLY.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|--------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|------|
|                                      | PART NUMBER    |                                                                                                                                                                                                                                                                      | DESCRIPTION |         | ITEM |
| QUANTITY                             | MATERIALS LIST |                                                                                                                                                                                                                                                                      |             |         |      |
| UNLESS OTHERWISE SPECIFIED           |                | SIGNATURES                                                                                                                                                                                                                                                           |             | DATE    |      |
| 1) All dimensions are in metric(mm). |                | DRAWN:                                                                                                                                                                                                                                                               |             | D.PARKS |      |
| 2) Tolerances are as follows:        |                | CHECKED:                                                                                                                                                                                                                                                             |             | 11DEC13 |      |
| 1 PL DEC ±0.30                       |                | ENGINEER:                                                                                                                                                                                                                                                            |             |         |      |
| 2 PL DEC ±0.15                       |                | APPROVAL:                                                                                                                                                                                                                                                            |             |         |      |
| 3 PL DEC ±0.08                       |                | CUSTOMER:                                                                                                                                                                                                                                                            |             |         |      |
| 3) Note reference =                  |                | 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. |             |         |      |
| MATERIAL SPECIFICATIONS:             |                |                                                                                                                                                                                                                                                                      |             |         |      |
| PROCESS SPECIFICATIONS:              |                |                                                                                                                                                                                                                                                                      |             |         |      |
| NEXT ASS'Y:                          |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |
|                                      |                |                                                                                                                                                                                                                                                                      |             |         |      |

TITLE: RECEPTACLE, 8 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP  
DWG NO.: AT04-08PX-SRXXX  
REV: A3  
SH: 2  
OF: 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT04-08PB-SRBK](#)