



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



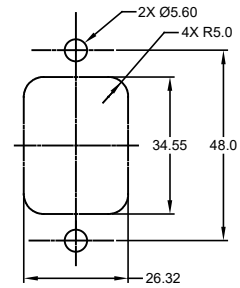
## Contact us

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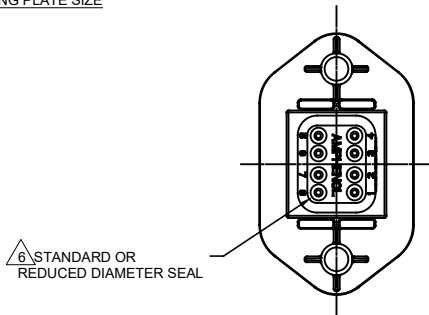
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

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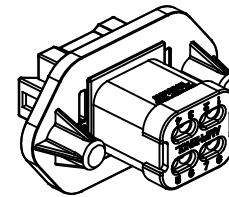
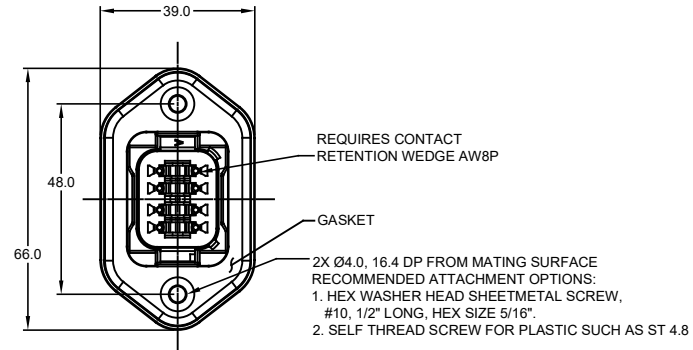
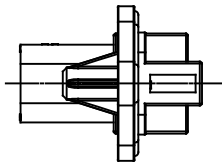
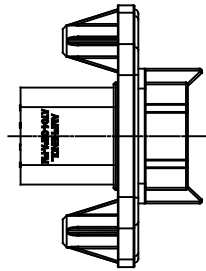
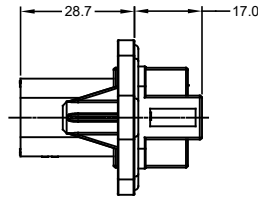




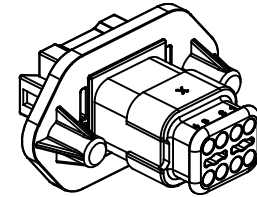
MOUNTING PLATE SIZE



6 STANDARD OR REDUCED DIAMETER SEAL



SHOWN WITH END CAP



SHOWN WITH STRAIN RELIEF

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR: PER KEY OPTION  
END CAP: THERMOPLASTIC; COLOR: BLACK  
STRAIN RELIEF CAP: THERMOPLASTIC; COLOR: BLACK  
SEALS: SILICONE RUBBER; COLOR: RED
2. MODIFICATIONS: FLANGE, GASKET, END CAP (OPT), STRAIN RELIEF CAP (OPT), REDUCED DIAMETER SEAL (OPT).
3. SPECIFICATIONS:  
3.1 CURRENT RATING: 13 AMPS  
3.2 OPERATING TEMPERATURE: -55°C TO +125°C  
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.  
3.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )  
3.6 MATING CYCLE DURABILITY: 100 CYCLES  
3.7 RoHS COMPLIANT
4. MATING PART: AT06-08SX\* PLUG  
( X = A,B,C,D KEYS; \* = MODIFICATIONS AND COLORS )
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE

REDUCED DIAMETER SEAL:

| CONTACT SIZE | MIN. INSUL O.D.   | MAX. INSUL O.D.   | TYPICAL WIRE RANGE |
|--------------|-------------------|-------------------|--------------------|
| 16           | 1.35 mm (.053 in) | 3.05 mm (.120 in) | 14 - 20 AWG        |

STANDARD SEAL:

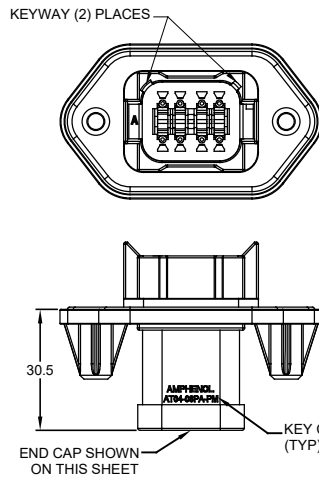
| CONTACT SIZE | MIN. INSUL O.D.   | MAX. INSUL O.D.   | TYPICAL WIRE RANGE |
|--------------|-------------------|-------------------|--------------------|
| 16           | 2.24 mm (.088 in) | 3.68 mm (.145 in) | 14 - 20 AWG        |

| REVISIONS |     |                                                    |         |       |       |
|-----------|-----|----------------------------------------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION                                        | DATE    | BY    | APPR  |
| A1        | -   | RELEASE                                            | 29JUN15 | JAH   |       |
| A2        | -   | UPDATE APPEARANCE                                  | 20APR16 | JARRY | TOMMY |
| A3        | -   | ADDED -15 & -16 OPTIONS<br>ADDED COLORS TO NOTE #1 | 23MAR18 | JAH   |       |

|                                                    |  |                |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
|----------------------------------------------------|--|----------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|
| SEE SHEET 2 FOR KEYS                               |  | PART NUMBER    |  | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM                                                                                                        |
| QUANTITY                                           |  |                |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
| MATERIALS LIST                                     |  |                |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
| UNLESS OTHERWISE SPECIFIED                         |  | SIGNATURES     |  | DATE                                                                                                                                                                                                                                                                 |  | <b>Amphenol</b><br>Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036 |
| 1) All dimensions are in metric (mm).              |  | DRAWN: J. HEAD |  | 14JUL15                                                                                                                                                                                                                                                              |  |                                                                                                             |
| 2) Tolerances are as follows:                      |  | CHECKED:       |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
| 1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08 |  | ENGINEER:      |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
| 3) Note reference =                                |  | APPROVAL:      |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |
| MATERIAL SPECIFICATIONS:                           |  | CUSTOMER:      |  | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |  |                                                                                                             |
| PROCESS SPECIFICATIONS:                            |  | NEXT ASSY:     |  | SCALE: NONE                                                                                                                                                                                                                                                          |  |                                                                                                             |
| SIZE: B                                            |  | TYPE: C-       |  | DWG NO: AT04-08PX-PMXX                                                                                                                                                                                                                                               |  | REVISION: A3                                                                                                |
| SHEET 1                                            |  | OF 2           |  |                                                                                                                                                                                                                                                                      |  |                                                                                                             |

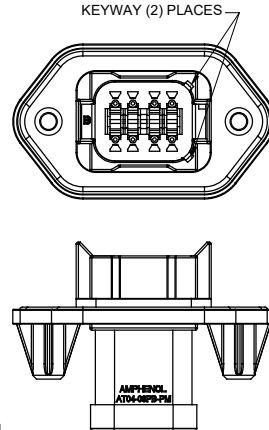
| REVISIONS |     |                                                    |         |       |       |
|-----------|-----|----------------------------------------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION                                        | DATE    | BY    | APPR  |
| A1        | -   | RELEASE                                            | 14JUL15 | JAH   |       |
| A2        | -   | UPDATE APPEARANCE                                  | 20APR16 | JARRY | TOMMY |
| A3        | -   | ADDED -15 & -16 OPTIONS<br>ADDED COLORS TO NOTE #1 | 23MAR18 | JAH   |       |

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



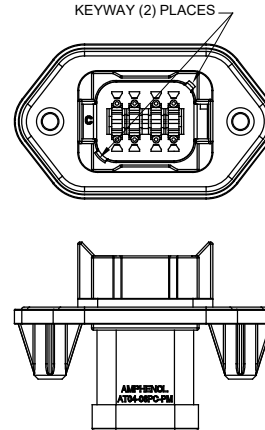
| KEY-A CONFIGURATION |              |         |               |  |
|---------------------|--------------|---------|---------------|--|
| PART NUMBER         | SEAL         | END CAP | STRAIN RELIEF |  |
| AT04-08PA-PM11      | STANDARD     | NO      | NO            |  |
| AT04-08PA-PM12      | REDUCED DIA. | NO      | NO            |  |
| AT04-08PA-PM13      | STANDARD     | YES     | NO            |  |
| AT04-08PA-PM14      | REDUCED DIA. | YES     | NO            |  |
| AT04-08PA-PM15      | STANDARD     | NO      | YES           |  |
| AT04-08PA-PM16      | REDUCED DIA. | NO      | YES           |  |

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



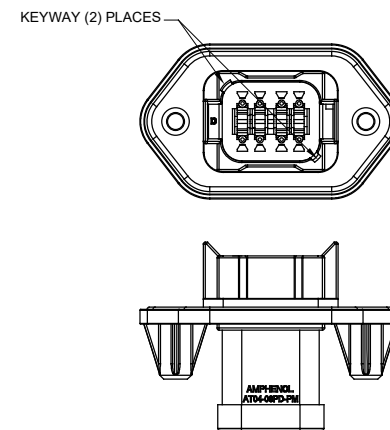
| KEY-B CONFIGURATION |              |         |               |  |
|---------------------|--------------|---------|---------------|--|
| PART NUMBER         | SEAL         | END CAP | STRAIN RELIEF |  |
| AT04-08PB-PM11      | STANDARD     | NO      | NO            |  |
| AT04-08PB-PM12      | REDUCED DIA. | NO      | NO            |  |
| AT04-08PB-PM13      | STANDARD     | YES     | NO            |  |
| AT04-08PB-PM14      | REDUCED DIA. | YES     | NO            |  |
| AT04-08PB-PM15      | STANDARD     | NO      | YES           |  |
| AT04-08PB-PM16      | REDUCED DIA. | NO      | YES           |  |

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



| KEY-C CONFIGURATION |              |         |               |  |
|---------------------|--------------|---------|---------------|--|
| PART NUMBER         | SEAL         | END CAP | STRAIN RELIEF |  |
| AT04-08PC-PM11      | STANDARD     | NO      | NO            |  |
| AT04-08PC-PM12      | REDUCED DIA. | NO      | NO            |  |
| AT04-08PC-PM13      | STANDARD     | YES     | NO            |  |
| AT04-08PC-PM14      | REDUCED DIA. | YES     | NO            |  |
| AT04-08PC-PM15      | STANDARD     | NO      | YES           |  |
| AT04-08PC-PM16      | REDUCED DIA. | NO      | YES           |  |

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



| KEY-D CONFIGURATION |              |         |               |  |
|---------------------|--------------|---------|---------------|--|
| PART NUMBER         | SEAL         | END CAP | STRAIN RELIEF |  |
| AT04-08PD-PM11      | STANDARD     | NO      | NO            |  |
| AT04-08PD-PM12      | REDUCED DIA. | NO      | NO            |  |
| AT04-08PD-PM13      | STANDARD     | YES     | NO            |  |
| AT04-08PD-PM14      | REDUCED DIA. | YES     | NO            |  |
| AT04-08PD-PM15      | STANDARD     | NO      | YES           |  |
| AT04-08PD-PM16      | REDUCED DIA. | NO      | YES           |  |

|                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                      |  |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|
| PART NUMBER                                                                                                                                                                        |  | DESCRIPTION                                                                                                                                                                                                                                                          |  | ITEM |
| QUANTITY                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |      |
| 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 DATE<br>DRAWN: J. HEAD 14JUL15<br>CHECKED:<br>ENGINEER:<br>APPROVAL:<br>CUSTOMER:                                                                                                                                                                         |  |      |
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| PROCESS SPECIFICATIONS:                                                                                                                                                            |  | SIZE: B C- TYPE: DWG NO: AT04-08PX-PMXX REVISION: A3                                                                                                                                                                                                                 |  |      |
| NEXT ASSY:                                                                                                                                                                         |  | SCALE: NONE SHEET 2 OF 2                                                                                                                                                                                                                                             |  |      |

TITLE: RECEPTACLE, 8 PIN, AT SERIES, W/FLANGE  
DWG NO: AT04-08PX-PMXX  
REV: A3  
SH: 2  
OF: 2