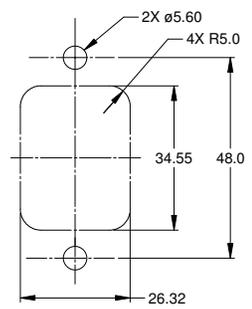
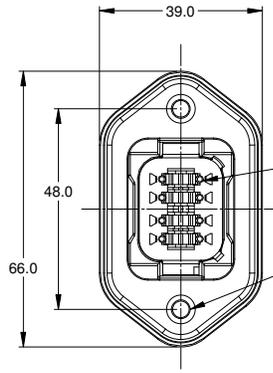
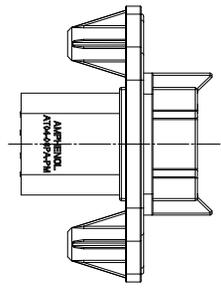
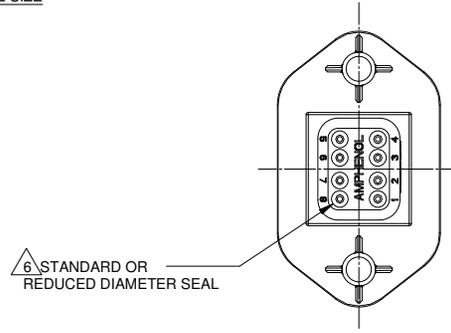
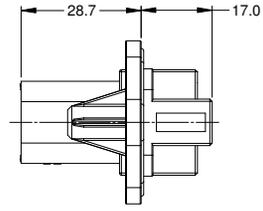


| REVISIONS | | | | | |
|-----------|-----|-------------|---------|-----|------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE | 29JUN15 | JAH | |

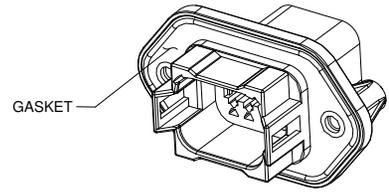


MOUNTING PLATE SIZE



REQUIRES CONTACT RETENTION WEDGE AW8

2X Ø4.0, 16.4 DP FROM MATING SURFACE
 RECOMMENDED ATTACHMENT OPTIONS:
 1. HEX WASHER HEAD SHEETMETAL SCREW, #10, 1/2" LONG, HEX SIZE 5/16".
 2. SELF THREAD SCREW FOR PLASTIC SUCH AS ST 4.8



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE, GASKET, END CAP (OPT.), RD SEAL (OPT.)
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: AT06-08SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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 |

| SEE SHEET 2 FOR KEYS | | PART NUMBER | | DESCRIPTION | | ITEM | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----------|--|---------|---|------|---|--------------------------------------|---------|--|---------|-------------------------------|----------|--|--|--------------------------------|-----------|--|--|---------------------------|-----------|--|--|----------------|-----------|--|--|
| QUANTITY | | MATERIALS LIST | | <p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="text-align: center;">RECEPTACLE, 8 PIN, AT SERIES, W/FLANGE</p> | | | | | | | | | | | | | | | | | | | | | | |
| UNLESS OTHERWISE SPECIFIED | | SIGNATURES | | DATE | | <table border="1"> <tr> <td>1) All dimensions are in metric(mm).</td> <td colspan="2">J. HEAD</td> <td>14JUL15</td> </tr> <tr> <td>2) Tolerances are as follows:</td> <td colspan="2">CHECKED:</td> <td></td> </tr> <tr> <td>1 PL DEC ±0.30 Fractions ±1/64</td> <td colspan="2">ENGINEER:</td> <td></td> </tr> <tr> <td>2 PL DEC ±0.15 Angles ±1°</td> <td colspan="2">APPROVAL:</td> <td></td> </tr> <tr> <td>3 PL DEC ±0.08</td> <td colspan="2">CUSTOMER:</td> <td></td> </tr> </table> | 1) All dimensions are in metric(mm). | J. HEAD | | 14JUL15 | 2) Tolerances are as follows: | CHECKED: | | | 1 PL DEC ±0.30 Fractions ±1/64 | ENGINEER: | | | 2 PL DEC ±0.15 Angles ±1° | APPROVAL: | | | 3 PL DEC ±0.08 | CUSTOMER: | | |
| 1) All dimensions are in metric(mm). | J. HEAD | | 14JUL15 | | | | | | | | | | | | | | | | | | | | | | | |
| 2) Tolerances are as follows: | CHECKED: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PL DEC ±0.30 Fractions ±1/64 | ENGINEER: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PL DEC ±0.15 Angles ±1° | APPROVAL: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PL DEC ±0.08 | CUSTOMER: | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATERIAL SPECIFICATIONS: | | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. | | SIZE | TYPE | DWG NO. | | | | | | | | | | | | | | | | | | | | |
| PROCESS SPECIFICATIONS: | | NEXT ASSY: | | B | C- | AT04-08PX-PMXX | | | | | | | | | | | | | | | | | | | | |
| | | | | SCALE: NONE | | REVISION A1 | | | | | | | | | | | | | | | | | | | | |
| | | | | SHEET 1 OF 2 | | | | | | | | | | | | | | | | | | | | | | |

TITLE: RECEPTACLE, 8 PIN, AT SERIES, W/FLANGE
DWG NO.: AT04-08PX-PMXX
REV: A1
SH: 1
OF: 2

| REVISIONS | | | | | |
|-----------|-----|-------------|---------|-----|------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASE | 14JUL15 | JAH | |

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

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

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

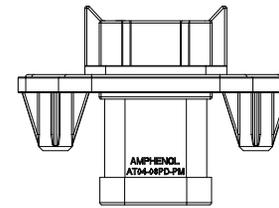
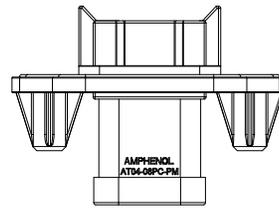
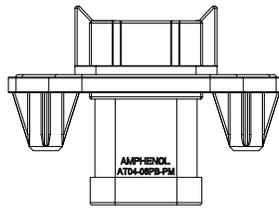
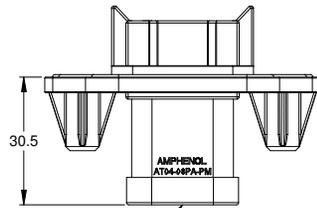
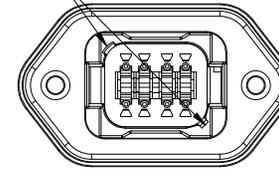
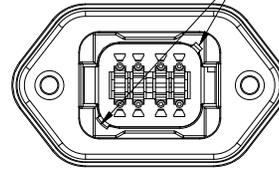
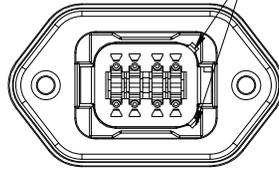
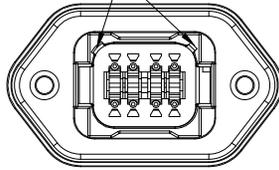
P/N AT04-08PD-PMXX
KEY-D CONFIGURATION
STANDARD COLOR: BROWN

KEYWAY (2) PLACES

KEYWAY (2) PLACES

KEYWAY (2) PLACES

KEYWAY (2) PLACES



END CAP SHOWN
ON THIS SHEET

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

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

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

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

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM |
|--|-------------|---|---|
| MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = | | SIGNATURES DATE DRAWN: J. HEAD 14JUL15 CHECKED: ENGINEER: APPROVAL: | Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RECEPTACLE, 8 PIN, AT SERIES, W/FLANGE |
| MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY: | | 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. | |
| | | SHEET 2 OF 2 | |

TITLE: RECEPTACLE, 8 PIN, AT SERIES, W/FLANGE
DWG NO.: AT04-08PX-PMXX
REV: A1
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

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