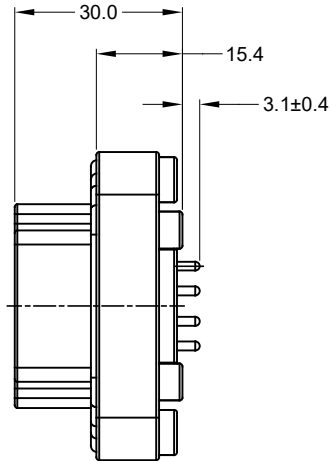
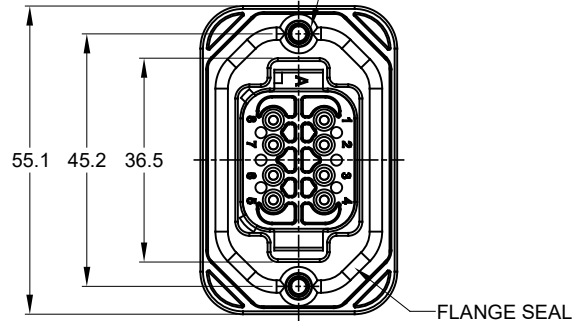
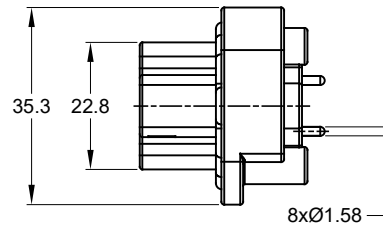


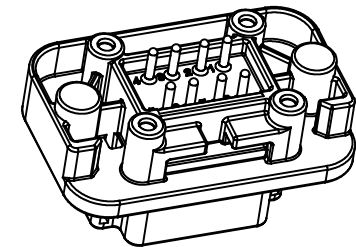
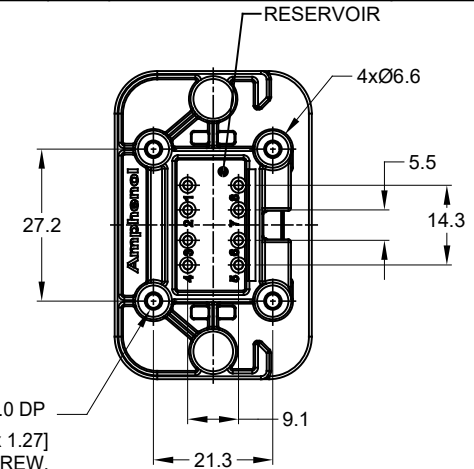
2xØ3.10±0.12x11.18 DP  
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]  
THREAD-FORMING SCREW,  
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



4xØ2.79±0.12 x8.0 DP  
RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]  
THREAD-FORMING SCREW,  
TORQUE:6-10 IN-LB [0.68-1.13 NM]



| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE, PCB MOUNT STRAIGHT
- 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
- MATING PART: AT06-08S\* PLUG ( \* = MODIFICATIONS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

|                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| AT15-08PX-BMXX                                                                                                                                                                                                                                                                                                                     |  | REF: DT15-08PA, DT15-08PB, DT15-08PC, DT15-08PD,<br>DT15-08PA-G003, DT15-08PB-G003, DT15-08PC-G003                                                                                                                                                                   |  |
| PART NUMBER                                                                                                                                                                                                                                                                                                                        |  | DESCRIPTION                                                                                                                                                                                                                                                          |  |
| QUANTITY                                                                                                                                                                                                                                                                                                                           |  | ITEM                                                                                                                                                                                                                                                                 |  |
| MATERIALS LIST                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                      |  |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric (mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = </div> |  | <div>SIGNATURES    DATE</div> <div>DRAWN: JONY XIE    19JUN18</div> <div>CHECKED: ORION LI    19JUN18</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY XIE    19JUN18</div>                                                                                           |  |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                                                                           |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                                                            |  | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |  |
| NEXT ASSY:                                                                                                                                                                                                                                                                                                                         |  | SIZE: B C-    TYPE: C    DWG NO: AT15-08PX-BMXX    REVISION: A2                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                    |  | SCALE: NONE    SHEET 1 OF 3                                                                                                                                                                                                                                          |  |

TITLE: PCB MOUNT RECEPTACLE 8PIN STRAIGHT AT SERIES

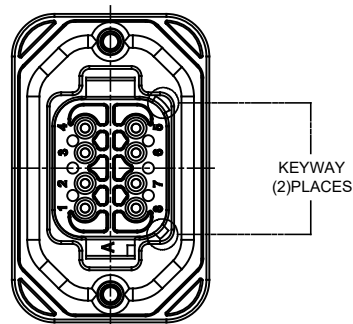
DWG NO: AT15-08PX-BMXX

REV: A2

SH: 1

OF: 3

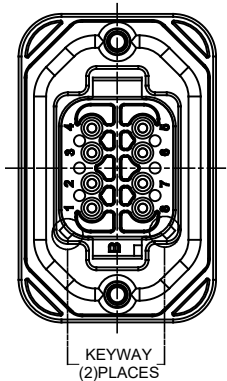
P/N AT15-08PA-BMXX  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



| AT15-08PA-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-08PA-BM01 |
| GOLD                    | POTTING                     | AT15-08PA-BM02 |
| TIN                     | NO POTTING                  | AT15-08PA-BM03 |
| TIN                     | POTTING                     | AT15-08PA-BM04 |

| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |

P/N AT15-08PB-BMXX  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



| AT15-08PB-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT15-08PB-BM01 |
| GOLD                    | POTTING                     | AT15-08PB-BM02 |
| TIN                     | NO POTTING                  | AT15-08PB-BM03 |
| TIN                     | POTTING                     | AT15-08PB-BM04 |

|                                                                                                                                                                                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                             |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| AT15-08PX-BMXX                                                                                                                                                                    |                |                                                                                                                                                                                                                                                                                                                                                                                                                             |      |
| PART NUMBER                                                                                                                                                                       |                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                 |      |
| QUANTITY                                                                                                                                                                          | MATERIALS LIST |                                                                                                                                                                                                                                                                                                                                                                                                                             | ITEM |
| 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: JONY XIE      19JUN18<br>CHECKED: CRON LI      19JUN18<br>ENGINEER:<br>APPROVAL: TOMMY XIE      19JUN18<br>CUSTOMER:<br>THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |      |
| MATERIAL SPECIFICATIONS:                                                                                                                                                          |                | Amphenol<br>Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036                                                                                                                                                                                                                                                                                                                        |      |
| PROCESS SPECIFICATIONS:                                                                                                                                                           |                | BOARDLOCK PCB MOUNT RECEPTACLE,<br>8 PIN, STRAIGHT, AT SERIES                                                                                                                                                                                                                                                                                                                                                               |      |
| NEXT ASSY:                                                                                                                                                                        |                | SIZE: B C-      TYPE:      DWG NO: AT15-08PX-BMXX      REVISION: A2<br>SCALE: NONE      SHEET 2 OF 3                                                                                                                                                                                                                                                                                                                        |      |

TITLE: PCB MOUNT RECEPTACLE,8PIN,STRAIGHT,AT SERIES  
DWG NO: AT15-08PX-BMXX  
REV: A2  
SH: 2  
OF: 3

KEYWAY  
(2) PLACES

Technical drawing of a mechanical part (Fig. 10) showing a cross-section. The drawing includes the following dimensions and features:

- Overall width: 45.21
- Overall height: 23.7
- Top horizontal edge: 5.12 MIN.
- Internal feature: INTERNAL FINISH TO
- Radius:  $4 \times R1.02$
- Bottom horizontal edge: 28.07
- Bottom horizontal edge: 37.47
- Bottom horizontal edge: 12.19

Technical drawing of a mechanical part with the following dimensions:

- Top horizontal dimension:  $14.29 \pm 0.08$
- Top horizontal dimension:  $5.45 \pm 0.05$
- Left vertical dimension:  $21.34 \pm 0.10$
- Bottom horizontal dimension:  $27.18 \pm 0.10$
- Bottom horizontal dimension:  $9.10 \pm 0.05$
- Top-left feature:  $4 \times \varnothing 3.43$
- Bottom-left feature:  $8 \times \varnothing 1.80^{+0.1}_0$

| REVISIONS |     |                     |         |       |      |
|-----------|-----|---------------------|---------|-------|------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR |
| A1        | --  | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMM |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH   |

[illegible]

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                      |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                                                                                                                                                                                                                                                                         | AT-15-08PX-BMXX                                                                                                                                                                                                                                                      |             |
|                                                                                                                                                                                                                                                                         | PART NUMBER                                                                                                                                                                                                                                                          | DESCRIPTION |
| 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        |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                | DRAWN: JONY XIE                                                                                                                                                                                                                                                      | 19JUN18     |
|                                                                                                                                                                                                                                                                         | CHECKED: ORION LI                                                                                                                                                                                                                                                    | 19JUN18     |
|                                                                                                                                                                                                                                                                         | ENGINEER:                                                                                                                                                                                                                                                            |             |
|                                                                                                                                                                                                                                                                         | APPROVAL: TOMMY XIE                                                                                                                                                                                                                                                  | 19JUN18     |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                 | CUSTOMER:                                                                                                                                                                                                                                                            |             |
|                                                                                                                                                                                                                                                                         | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. |             |
| NEXT ASSY:                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                      |             |

Amphenol

Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)  
 44724 Morley Drive  
 Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,  
 8 PIN, STRAIGHT, AT SERIES

|        |      |                 |          |
|--------|------|-----------------|----------|
| SIZE   | TYPE | DWG NO.         | REVISION |
| B      | C-   | AT-15-08PX-BMXX | A        |
| SCALE: | NONE | SHEET 3         | OF 3     |

# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[AT15-08PA-BM01](#)