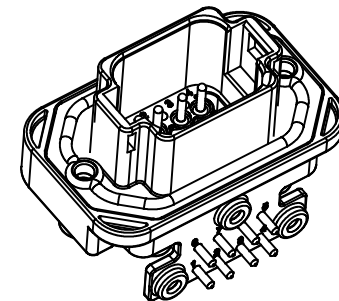
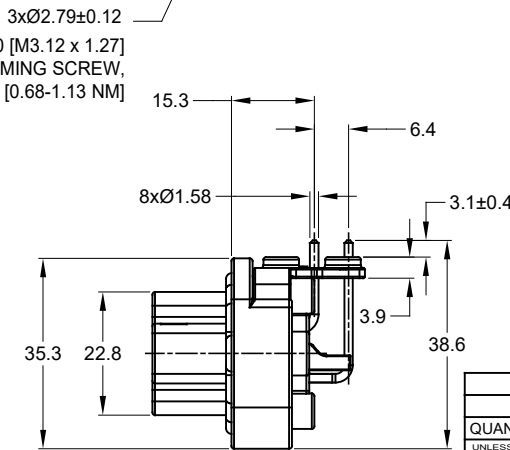
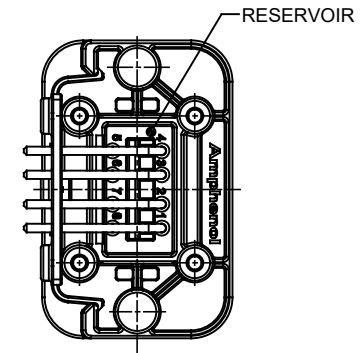
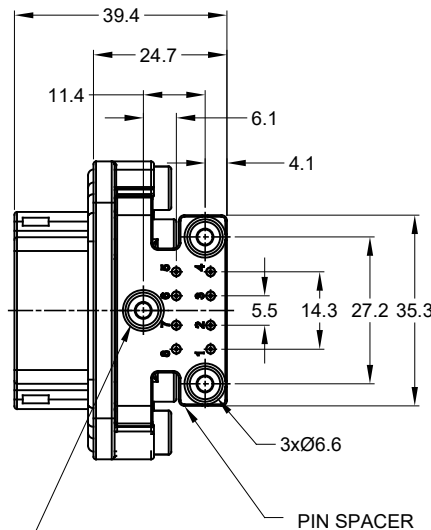
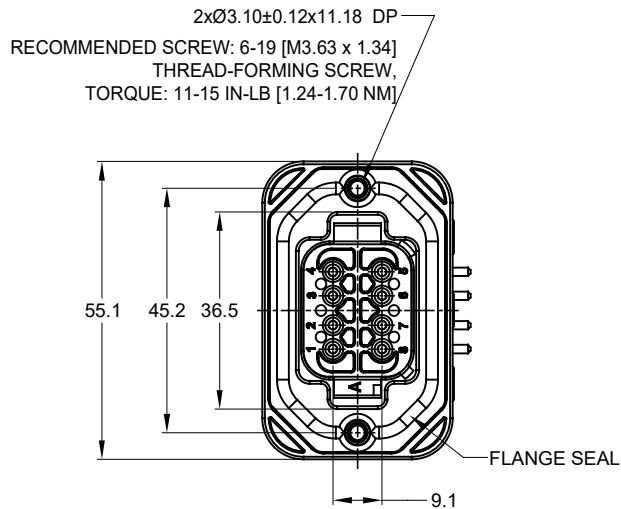




| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | -   | RELEASE NEW DRAWING | 19JUN18 | JONY  | TOMMY |
| A2        | -   | REVISED DRAWING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

NOTES: UNLESS OTHERWISE SPECIFIED

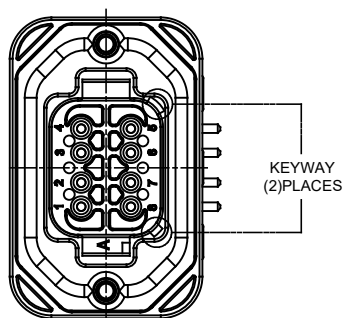
- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE, PCB MOUNT, RIGHT ANGLE
- SPECIFICATIONS:  
3.1 CURRENT RATING: 13 AMPS  
3.2 OPERATING TEMPERATURE: -55°C TO +125°C  
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 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.

RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]  
THREAD-FORMING SCREW,  
TORQUE: 6-10 IN-LB [0.68-1.13 NM]

|                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                  |  | AT13-08PX-BMXX                                                                                                                                                                                                                                                       |  | REF: DT13-08PA, DT13-08PB, DT13-08PC, DT13-08PD, DT13-08PA-G003, DT13-08PB-G003                                                                                      |  |
|                                                                                                                                                                                                                                                                                                  |  | PART NUMBER                                                                                                                                                                                                                                                          |  | DESCRIPTION                                                                                                                                                          |  |
| QUANTITY                                                                                                                                                                                                                                                                                         |  | ITEM                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                      |  |
| MATERIALS LIST                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                      |  |
| UNLESS OTHERWISE SPECIFIED<br>1) All dimensions are in metric(mm)<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30 Fractions ±1/64<br>2 PL DEC ±0.15 Angles ±1°<br>3 PL DEC ±0.08<br>3) Note reference =  |  | SIGNATURES DATE<br>DRAWN: JONY.XIE 19JUN18<br>CHECKED: JONY.XIE 19JUN18<br>ENGINEER:<br>APPROVAL: TOMMY.XIE 19JUN18<br>CUSTOMER:                                                                                                                                     |  | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a><br/>44724 Morley Drive<br/>Clinton Township, MI 48036</div> |  |
| 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. |  |                                                                                                                                                                      |  |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                                          |  | SIZE TYPE DWG NO.                                                                                                                                                                                                                                                    |  | REVISION                                                                                                                                                             |  |
| NEXT ASSY:                                                                                                                                                                                                                                                                                       |  | B C- AT13-08PX-BMXX                                                                                                                                                                                                                                                  |  | A2                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                  |  | SCALE: NONE                                                                                                                                                                                                                                                          |  | SHEET 1 OF 3                                                                                                                                                         |  |

TITLE: PCB MOUNT RECEPTACLE PIN, RA FLANGE AT SERIES  
DWG NO: AT13-08PX-BMXX  
REV: A2  
SH: 1  
OF: 3

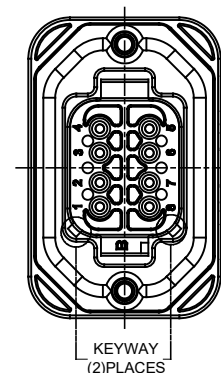
P/N AT13-08PA-BMXX  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



| AT13-08PA-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT13-08PA-BM01 |
| GOLD                    | POTTING                     | AT13-08PA-BM02 |
| TIN                     | NO POTTING                  | AT13-08PA-BM03 |
| TIN                     | POTTING                     | AT13-08PA-BM04 |

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

P/N AT13-08PB-BMXX  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK

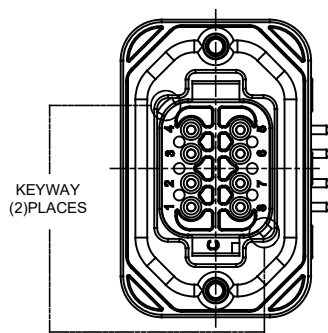


| AT13-08PB-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT13-08PB-BM01 |
| GOLD                    | POTTING                     | AT13-08PB-BM02 |
| TIN                     | NO POTTING                  | AT13-08PB-BM03 |
| TIN                     | POTTING                     | AT13-08PB-BM04 |

|                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AT13-08PX-BMXX                                                                                                                                                                                                                                      |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| QUANTITY                                                                                                                                                                                                                                            | PART NUMBER | DESCRIPTION                                                                                                                                                                                                                                                          | ITEM                                                                                                                                                                                                                   |
| <p>UNLESS OTHERWISE SPECIFIED</p> <p>1) All dimensions are in metric(mm).</p> <p>2) Tolerances are as follows:</p> <p>1 PL DEC ±0.30    1 Fractions ±1/64</p> <p>2 PL DEC ±0.15    Angles ±1°</p> <p>3 PL DEC ±0.08</p> <p>3) Note reference = </p> |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| SIGNATURES                                                                                                                                                                                                                                          |             | DATE                                                                                                                                                                                                                                                                 | <p><b>Amphenol</b></p> <p>Sine Systems - www.amphenol-sine.com</p> <p>44724 Morley Drive</p> <p>Clinton Township, MI 48036</p> <p><b>BOARDLOCK PCB MOUNT RECEPTACLE,</b></p> <p><b>8 PIN, RA FLANGE, AT SERIES</b></p> |
| DRAWN: JONY XIE                                                                                                                                                                                                                                     |             | 19JUN18                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
| CHECKED: ORION LI                                                                                                                                                                                                                                   |             | 19JUN18                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
| ENGINEER:                                                                                                                                                                                                                                           |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| APPROVAL: TOMMY XIE                                                                                                                                                                                                                                 |             | 19JUN18                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
| 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. |                                                                                                                                                                                                                        |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                             |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| NEXT ASSY:                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
| SIZE                                                                                                                                                                                                                                                | TYPE        | DWG NO.                                                                                                                                                                                                                                                              | REVISION                                                                                                                                                                                                               |
| B                                                                                                                                                                                                                                                   | C           | AT13-08PX-BMXX                                                                                                                                                                                                                                                       | A2                                                                                                                                                                                                                     |
| SCALE                                                                                                                                                                                                                                               | NONE        | SHEET 2 OF 3                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                        |

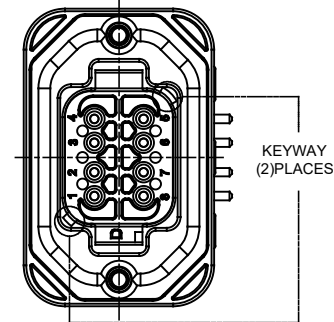
TITLE: PCB MOUNT RECEPTACLE 8PIN RA FLANGE, AT SERIES  
DWG NO.: AT13-08PX-BMXX  
REV: A2  
SH: 2  
OF: 3

P/N AT13-08PC-BMXX  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN

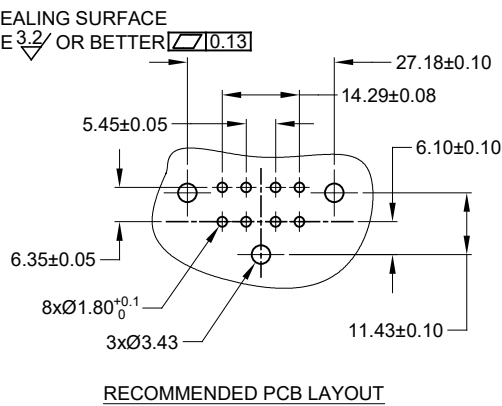
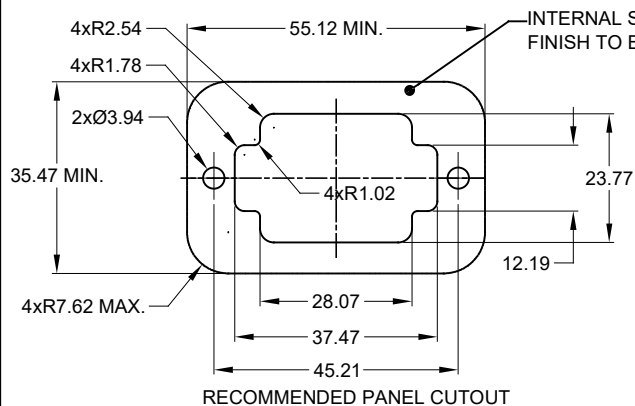


| AT13-08PC-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT13-08PC-BM01 |
| GOLD                    | POTTING                     | AT13-08PC-BM02 |
| TIN                     | NO POTTING                  | AT13-08PC-BM03 |
| TIN                     | POTTING                     | AT13-08PC-BM04 |

P/N AT13-08PD-BMXX  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



| AT13-08PD-BMXX VARIANTS |                             |                |
|-------------------------|-----------------------------|----------------|
| CONTACT PLATING         | POTTING OR NOT IN RESERVOIR | PART NUMBER    |
| GOLD                    | NO POTTING                  | AT13-08PD-BM01 |
| GOLD                    | POTTING                     | AT13-08PD-BM02 |
| TIN                     | NO POTTING                  | AT13-08PD-BM03 |
| TIN                     | POTTING                     | AT13-08PD-BM04 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                      |  |             |  |                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | AT13-08PX-BMXX                                                                                                                                                                                                                                                       |  |             |  |                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | PART NUMBER                                                                                                                                                                                                                                                          |  | DESCRIPTION |  | ITEM                                                                                                                                                                                                                                                                                                                      |
| 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      Fractions 1/64</div> <div>2 PL DEC ±0.15      Angles ±1°</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = </div> <div>MATERIAL SPECIFICATIONS:</div> <div>PROCESS SPECIFICATIONS:</div> <div>NEXT ASSY:</div> |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE        |  | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>BOARDLOCK PCB MOUNT RECEPTACLE,</div> <div>8 PIN, RA FLANGE, AT SERIES</div> <div>SIZE B TYPE C- DWG NO: AT13-08PX-BMXX REVISION A2</div> <div>SCALE NONE SHEET 3 OF 3</div> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | DRAWN: JONY XIE                                                                                                                                                                                                                                                      |  | 19JUN18     |  |                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | CHECKED: ORION LI                                                                                                                                                                                                                                                    |  | 19JUN18     |  |                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ENGINEER:                                                                                                                                                                                                                                                            |  |             |  |                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | APPROVAL: TOMMY XIE                                                                                                                                                                                                                                                  |  | 19JUN18     |  |                                                                                                                                                                                                                                                                                                                           |
| 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. |  |             |  |                                                                                                                                                                                                                                                                                                                           |

TITLE: PCB MOUNT RECEPTACLE, 8 PIN, RA FLANGE, AT SERIES  
DWG NO: AT13-08PX-BMXX  
REV: A2  
SH: 3  
OF: 3

# Mouser Electronics

Authorized Distributor

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[AT13-08PB-BM04](#)