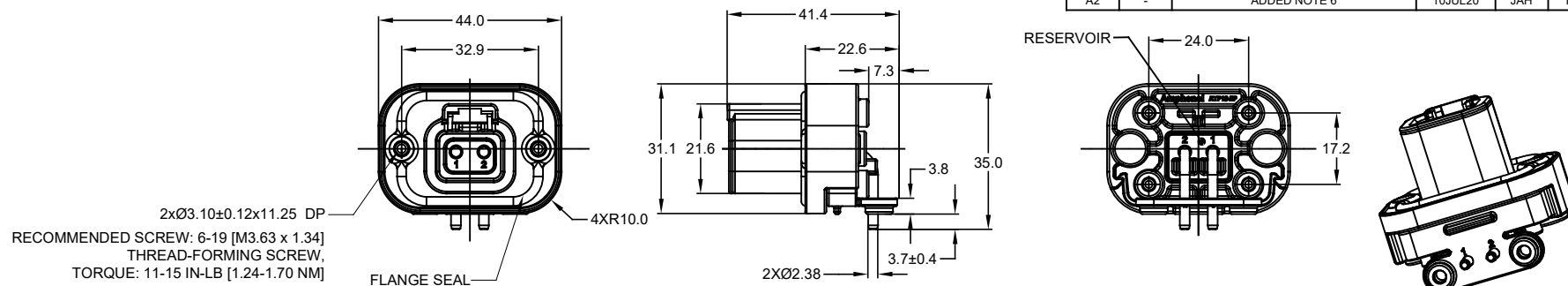


| REVISIONS |     |              |         |     |      |
|-----------|-----|--------------|---------|-----|------|
| REV       | ECO | DESCRIPTION  | DATE    | BY  | APPR |
| A2        | -   | ADDED NOTE 6 | 10JUL20 | JAH | DH   |



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE; PCB MOUNT RIGHT ANGLE
- SPECIFICATIONS:  
3.1 CURRENT RATING: 25 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: ATP06-2S\*  
(\* = ALL MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

| ATP13-2P-BM0XXXX VARIANTS |                             |       |                  |
|---------------------------|-----------------------------|-------|------------------|
| CONTACT PLATING           | POTTING OR NOT IN RESERVOIR | COLOR | PART NUMBER      |
| GOLD                      | NO POTTING                  | GRAY  | ATP13-2P-BM01GRY |
| GOLD                      | POTTING                     | GRAY  | ATP13-2P-BM02GRY |
| TIN                       | NO POTTING                  | GRAY  | ATP13-2P-BM03GRY |
| TIN                       | POTTING                     | GRAY  | ATP13-2P-BM04GRY |
| GOLD                      | NO POTTING                  | BLACK | ATP13-2P-BM01BLK |
| GOLD                      | POTTING                     | BLACK | ATP13-2P-BM02BLK |
| TIN                       | NO POTTING                  | BLACK | ATP13-2P-BM03BLK |
| TIN                       | POTTING                     | BLACK | ATP13-2P-BM04BLK |

|                                                                                                                                                                                                                    |  |                     |  |                                                                                                                                                                                                                                                                      |  |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|
| ATP13-2P-BM0XXXX                                                                                                                                                                                                   |  | 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   Fractions: ±1/64<br>2 PL DEC ±0.15   Angles: ±1°<br>3 PL DEC ±0.08<br>3) Note reference = |  | SIGNATURES          |  | DATE                                                                                                                                                                                                                                                                 |  |              |
| DRAWN: PETER YANG                                                                                                                                                                                                  |  | CHECKED: ORION LI   |  | 14MAY19                                                                                                                                                                                                                                                              |  |              |
| ENGINEER: TOMMY XIE                                                                                                                                                                                                |  | APPROVAL: TOMMY XIE |  | 14MAY19                                                                                                                                                                                                                                                              |  |              |
| MATERIAL 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. |  |              |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                            |  | NEXT ASSY:          |  | SCALE: NONE                                                                                                                                                                                                                                                          |  |              |
| SIZE: B                                                                                                                                                                                                            |  | TYPE: C-            |  | DWG NO: ATP13-2P-BM0XXXX                                                                                                                                                                                                                                             |  | REVISION: A2 |
| SHEET 1                                                                                                                                                                                                            |  | OF 1                |  |                                                                                                                                                                                                                                                                      |  |              |

TITLE: BOARDLOCK PCB MOUNT RECEPTACLE 2PIN RA FLANGE ATP SERIES  
DWG NO: ATP13-2P-BM0XXXX  
REV: A2  
SH: 1  
OF: 1

**Amphenol**

Sine Systems - www.amphenol-sine.com  
44724 Morley Drive  
Clinton Township, MI 48036

BOARDLOCK PCB MOUNT RECEPTACLE,  
2 PIN, RA FLANGE, ATP SERIES