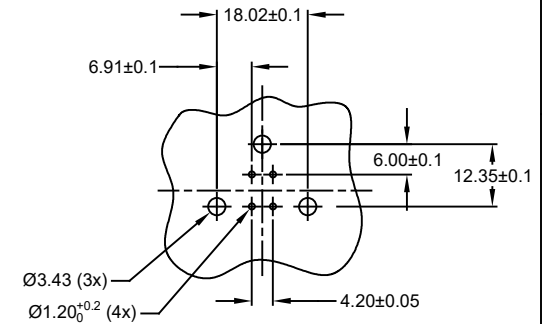
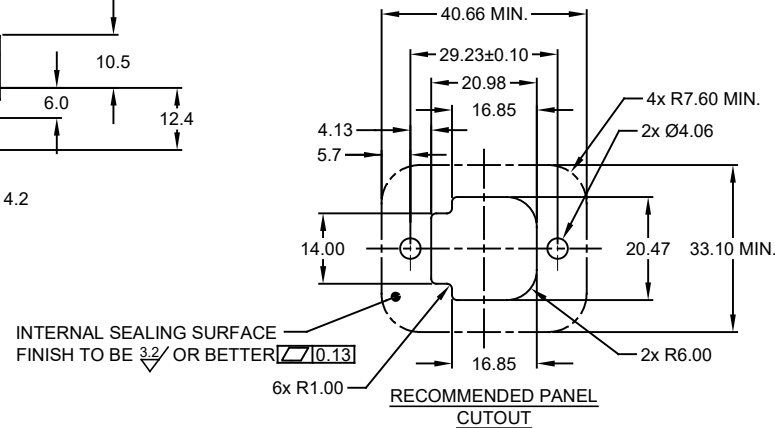
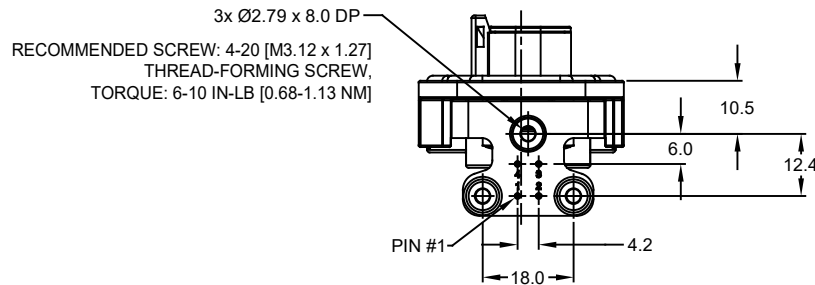
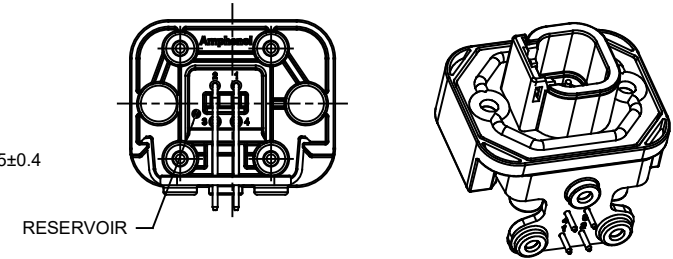
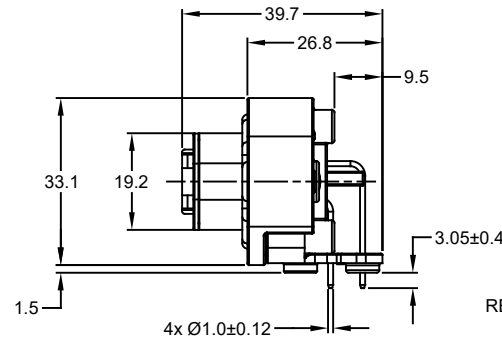
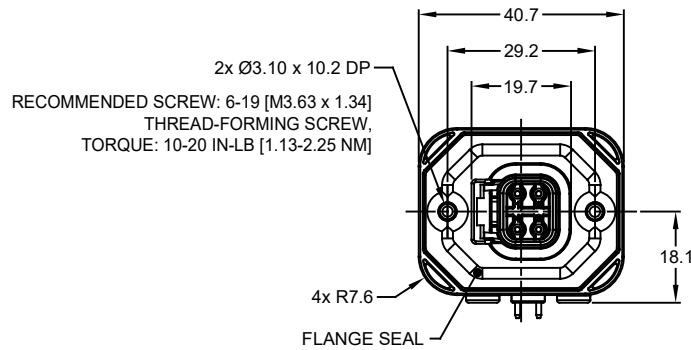


| REVISIONS |     |                     |         |        |       |
|-----------|-----|---------------------|---------|--------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY     | APPR  |
| A1        | -   | RELEASE NEW DRAWING | 15JUN18 | SULLEN | TOMMY |
| A2        | -   | REVISED DRAWING     | 10JUL20 | JHEAD  | DH    |



RECOMMENDED PCB LAYOUT  
VIEW FROM COMPONENTS  
SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC, GREY  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
- MODIFICATIONS: FLANGE; RA PCB MOUNT
- SPECIFICATIONS:  
3.1 CURRENT RATING: 7.5 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: ATM06-4S\* (\* = ALL MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY
- POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

| ATM13-4P-BMXX VARIANTS |                             |               |
|------------------------|-----------------------------|---------------|
| CONTACT PLATING        | POTTING OR NOT IN RESERVOIR | PART NUMBER   |
| GOLD                   | NO POTTING                  | ATM13-4P-BM01 |
| GOLD                   | POTTING                     | ATM13-4P-BM02 |
| TIN                    | NO POTTING                  | ATM13-4P-BM03 |
| TIN                    | POTTING                     | ATM13-4P-BM04 |

|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ATM13-4P-BMXX                                                                                             |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
| PART NUMBER                                                                                               |  | DESCRIPTION                                                                                                                                                                                                                                                          |  |         |               | ITEM                                                                                                                                                                               |
| QUANTITY                                                                                                  |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
| MATERIALS LIST                                                                                            |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
| UNLESS OTHERWISE SPECIFIED                                                                                |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE    |               | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> |
| 1) All dimensions are in metric (mm).                                                                     |  | DRAWN: SULLEN,ZHANG                                                                                                                                                                                                                                                  |  | 15JUN18 |               |                                                                                                                                                                                    |
| 2) Tolerances are as follows:                                                                             |  | CHECKED: ORION,LI                                                                                                                                                                                                                                                    |  | 15JUN18 |               |                                                                                                                                                                                    |
| 1 PL DEC ±0.30                                                                                            |  | ENGINEER:                                                                                                                                                                                                                                                            |  |         |               |                                                                                                                                                                                    |
| 2 PL DEC ±0.15                                                                                            |  | APPROVAL: TOMMY,XIE                                                                                                                                                                                                                                                  |  | 15JUN18 |               |                                                                                                                                                                                    |
| 3 PL DEC ±0.08                                                                                            |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |         |               | <div>BOARDLOCK PCB MOUNT RECEPTACLE,</div> <div>4 PIN, RA FLANGE, ATM SERIES</div>                                                                                                 |
| 3) Note reference =  |  | 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:                                                                                  |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
| PROCESS SPECIFICATIONS:                                                                                   |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
| NEXT ASSY:                                                                                                |  |                                                                                                                                                                                                                                                                      |  |         |               |                                                                                                                                                                                    |
|                                                                                                           |  | SIZE                                                                                                                                                                                                                                                                 |  | TYPE    | DWG NO:       | REVISION                                                                                                                                                                           |
|                                                                                                           |  | B                                                                                                                                                                                                                                                                    |  | C-      | ATM13-4P-BMXX | A2                                                                                                                                                                                 |
|                                                                                                           |  | SCALE                                                                                                                                                                                                                                                                |  | NONE    |               |                                                                                                                                                                                    |
|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  | SHEET 1 |               | OF 1                                                                                                                                                                               |

TITLE: PCB MOUNT RECEPTACLE, 4 PIN, RA FLANGE, ATM SERIES  
DWG NO: ATM13-4P-BMXX  
REV: A2  
SH: 1  
OF: 1

# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[ATM13-4P-BM01](#)