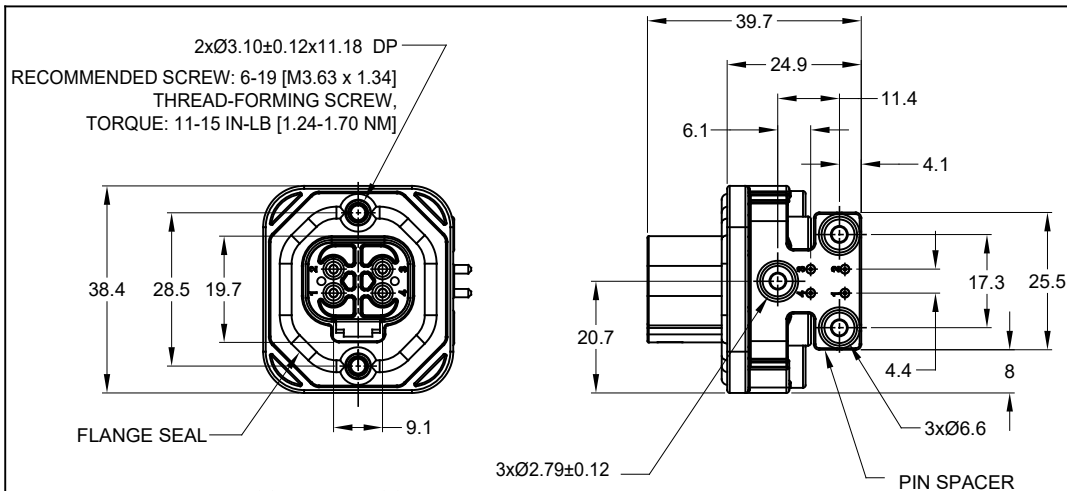


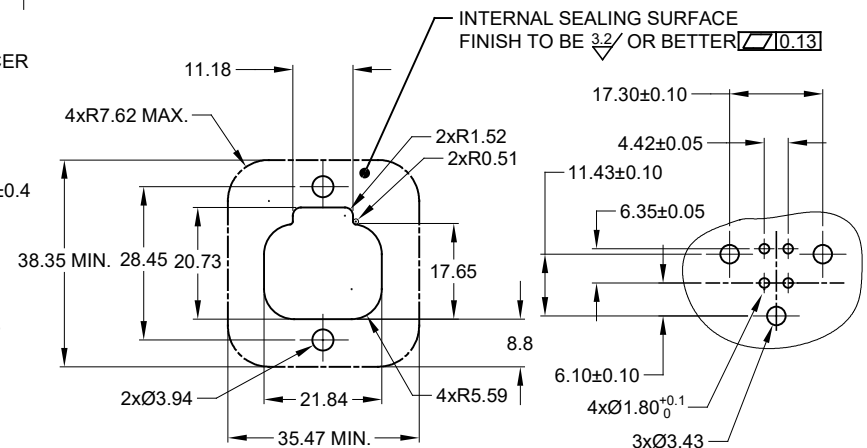
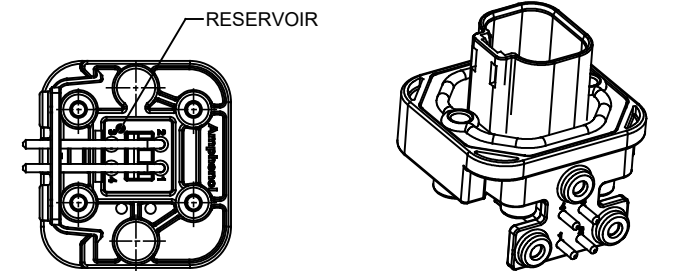


NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACT: COPPER ALLOY
2. MODIFICATIONS: FLANGE; PCB MOUNT; RIGHT ANGLE
3. 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
4. MATING PART: AT06-4S\* PLUG  
(\* = MODIFICATIONS)
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
6. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

| AT13-4P-BMXX VARIANTS |                             |              |
|-----------------------|-----------------------------|--------------|
| CONTACT PLATING       | POTTING OR NOT IN RESERVOIR | PART NUMBER  |
| GOLD                  | NO POTTING                  | AT13-4P-BM01 |
| GOLD                  | POTTING                     | AT13-4P-BM02 |
| TIN                   | NO POTTING                  | AT13-4P-BM03 |
| TIN                   | POTTING                     | AT13-4P-BM04 |

| REVISIONS |     |                     |         |       |       |
|-----------|-----|---------------------|---------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE    | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 20JUN18 | JONY  | TOMMY |
| A2        | --  | REVISED DRAWING     | 10JUL20 | JHEAD | DH    |



RECOMMENDED PANEL CUTOUT

RECOMMENDED PCB LAYOUT

|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  |                      |      |
|-----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|------|
| AT13-4P-BMXX                                                                                              |  | REF: DT13-4P                                                                                                                                                                                                                                                         |  |                      |      |
| PART NUMBER                                                                                               |  | DESCRIPTION                                                                                                                                                                                                                                                          |  |                      | ITEM |
| QUANTITY                                                                                                  |  |                                                                                                                                                                                                                                                                      |  |                      |      |
| MATERIALS LIST                                                                                            |  |                                                                                                                                                                                                                                                                      |  |                      |      |
| UNLESS OTHERWISE SPECIFIED                                                                                |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE                 |      |
| 1) All dimensions are in metric (mm).                                                                     |  | DRAWN: JONY.XIE                                                                                                                                                                                                                                                      |  | 20JUN18              |      |
| 2) Tolerances are as follows:                                                                             |  | CHECKED: ORION.LI                                                                                                                                                                                                                                                    |  | 20JUN18              |      |
| 1 PL DEC ±0.30                                                                                            |  | ENGINEER:                                                                                                                                                                                                                                                            |  |                      |      |
| 2 PL DEC ±0.15                                                                                            |  | APPROVAL: TOMMY.XIE                                                                                                                                                                                                                                                  |  | 20JUN18              |      |
| 3 PL DEC ±0.08                                                                                            |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |                      |      |
| 3) Note reference =  |  |                                                                                                                                                                                                                                                                      |  |                      |      |
| 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                 |      |
|                                                                                                           |  | B                                                                                                                                                                                                                                                                    |  | C-                   |      |
|                                                                                                           |  | SCALE: NONE                                                                                                                                                                                                                                                          |  | DWG NO: AT13-4P-BMXX |      |
| NEXT ASSY:                                                                                                |  |                                                                                                                                                                                                                                                                      |  | REVISION: A2         |      |
|                                                                                                           |  |                                                                                                                                                                                                                                                                      |  | SHEET 1 OF 1         |      |

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