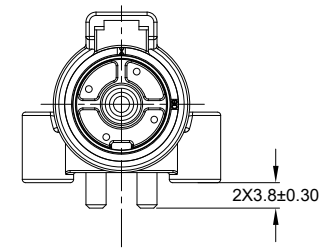
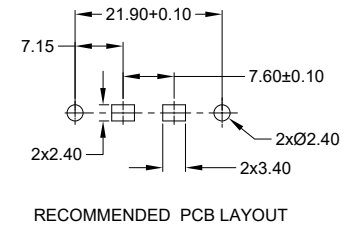
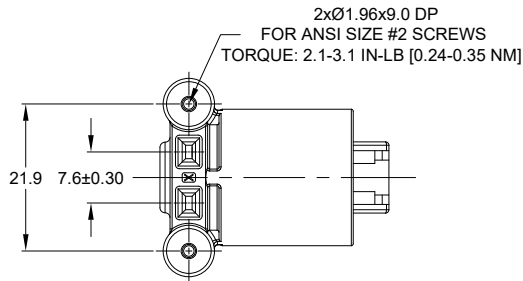


| REVISIONS | | | | | |
|-----------|-----|------------------|-----------|------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASED DRAWING | MAY-10-21 | VITO | TOMMY |



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR:BLACK
CONTACT: COPPER ALLOY
SEAL:SILICONE RUBBER
- MODIFICATIONS :RIGHT ANGLE PCB MOUNT ,SCREW BOSS
- SPECIFICATIONS:
3.1 CURRENT RATING: 60 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&IP69K (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART:ATHD06-1-8S-XX PLUG(XX = MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



| ATFH13-1-8P-BM1X VARIANTS | | |
|------------------------------------|------------------|----------------|
| CONTACT PLATING | PART NUMBER | WEIGHT (GRAMS) |
| MATING END: GOLD PCB END: TIN | ATFH13-1-8P-BM11 | 13.1 |
| MATING END: NICKEL PCB END: TIN | ATFH13-1-8P-BM13 | 13.1 |

| ATFH13-1-8P-BM1X | | DESCRIPTION | | ITEM |
|---|-------------|--|--|---------------------|
| QUANTITY | PART NUMBER | MATERIALS LIST | | |
| UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° | | SIGNATURES | | DATE |
| DRAWN: VITOLI | | | | MAY-10-21 |
| CHECKED: ORION LI | | | | MAY-12-21 |
| ENGINEER: | | | | |
| APPROVAL: TOMMY XIE | | | | MAY-13-21 |
| 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 | | REVISION |
| | | B C- | | ATFH13-1-8P-BM1X A1 |
| | | SCALE NONE | | SHEET 1 OF 1 |

TITLE: 1 POS,RIGHT ANGLE RECEPTACLE,PIN,ATHD SERIES,SIZE 8,SCREW BOSS
DWG NO: ATFH13-1-8P-BM1X
REV: A1
SH: 1
OF: 1