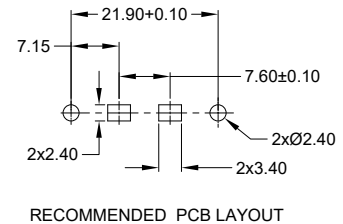
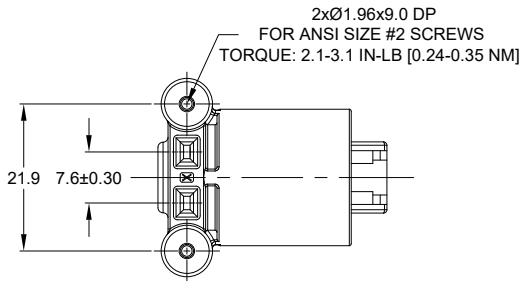


NOTES: UNLESS OTHERWISE SPECIFIED

- 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.



| ATFHDD13-1-8P-BM1X VARIANTS        |                    |                |
|------------------------------------|--------------------|----------------|
| CONTACT PLATING                    | PART NUMBER        | WEIGHT (GRAMS) |
| MATING END: GOLD<br>PCB END: TIN   | ATFHDD13-1-8P-BM11 | 13.1           |
| MATING END: NICKEL<br>PCB END: TIN | ATFHDD13-1-8P-BM13 | 13.1           |

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

| ATFHDD13-1-8P-BM1X  |  | 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<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>Fractions ±1/64<br>Angles ±1° |  | SIGNATURES          |  | DATE   |  | <p>Sine Systems - www.amphenol-sine.com<br/>44724 Morley Drive<br/>Clinton Township, MI 48036</p> |
| 3) Note reference =   |  | DRAWN: VITOLI       |  | MAY-10-21  |  |   |
| MATERIAL SPECIFICATIONS:  |  | CHECKED: ORION LI   |  | MAY-12-21  |  |   |
| PROCESS SPECIFICATIONS:   |  | APPROVAL: TOMMY XIE |  | MAY-13-21  |  |   |
| NEXT ASSY:  |  | 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. |  | REVISION<br><b>B C-</b> ATFHDD13-1-8P-BM1X <b>A1</b>  |
| SCALE: NONE   |  | SIZE: B             |  | DWG NO: ATFHDD13-1-8P-BM1X   |  | REVISION<br><b>A1</b>   |
| SHEET 1 OF 1  |  |                     |  |  |  |   |

TITLE: 1 POS,RIGHT ANGLE RECEPTACLE,PIN,ATHD SERIES,SIZE 8,SCREW BOSS  
DWG NO: ATFHDD13-1-8P-BM1X  
REV: A1  
SH: 1  
OF: 1