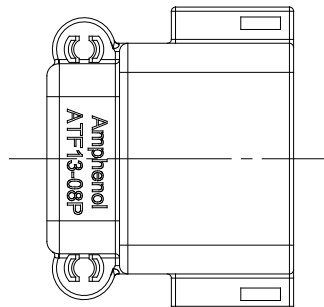
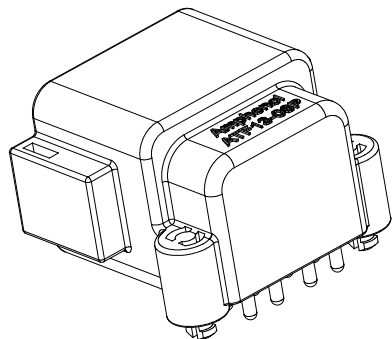


RECOMMENDED PCB LAYOUT

NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

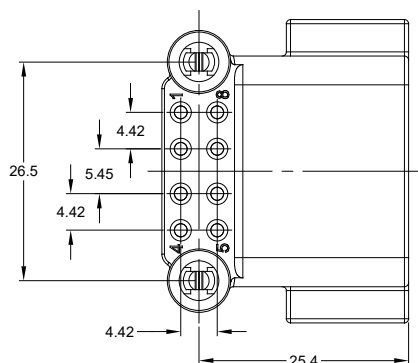
2. MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR: SEE SHEET 2  
CONTACT: COPPER ALLOY  
PLATING: NICKEL UNDERPLATE  
SEE CHART FOR OVERALL FINISH

3. MODIFICATIONS: RIGHT ANGLE PCB MOUNT, SNAP FIT

4. SPECIFICATIONS:  
4.1 CURRENT RATING: 13 AMPS  
4.2 OPERATING TEMPERATURE: -55°C TO +125°C  
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.  
4.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )  
4.6 MATING CYCLE DURABILITY: 100 CYCLES  
4.7 RoHS COMPLIANT

5. MATING PART: AT06-08SX\* PLUG  
( X = A,B,C,D KEYS; \* = MODIFICATIONS AND COLORS )

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



| REVISIONS |     |                      |           |       |       |
|-----------|-----|----------------------|-----------|-------|-------|
| REV       | ECO | DESCRIPTION          | DATE      | BY    | APPR  |
| A1        | -   | RELEASE              | 2JUL2018  | JAH   |       |
| A2        | -   | UPDATE DRAWING       | 25/MAR/19 | BROOK | TOMMY |
| A3        | -   | MODIFIED DESCRIPTION | 12JUL19   | BROOK | TOMMY |

TITLE: RIGHT ANGLE RECEPTACLE, AT 8 PIN, SNAP FIT, BOARDLOCK

DWG NO:

ATF13-08PX-BM0X

REV: A3

SH: 1

OF: 2

|                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                      |  |              |  |                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SEE PART NUMBER CHART                                                                                                                                                                                                                                                    |  | 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>3) Note reference =  |  | SIGNATURES                                                                                                                                                                                                                                                           |  | DATE         |  | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a><br/>44724 Morley Drive<br/>Clinton Township, MI 48036</div> <div>RIGHT ANGLE RECEPTACLE, AT 8 PIN,<br/>SNAP FIT, BOARDLOCK</div> |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                                                                                 |  | DRAWN: BROOK DING                                                                                                                                                                                                                                                    |  | 12/JUL/19    |  |                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                          |  | CHECKED: ORION LI                                                                                                                                                                                                                                                    |  | 12/JUL/19    |  |                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                          |  | ENGINEER:                                                                                                                                                                                                                                                            |  |              |  |                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                          |  | APPROVAL: TOMMY XIE                                                                                                                                                                                                                                                  |  | 12/JUL/19    |  |                                                                                                                                                                                                                                           |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                                                                                  |  | CUSTOMER:                                                                                                                                                                                                                                                            |  |              |  | SIZE: B C-<br>TYPE: NONE<br>DWG NO: ATF13-08PX-BM0X<br>REVISION: A3                                                                                                                                                                       |
| NEXT ASSY:                                                                                                                                                                                                                                                               |  | 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. |  |              |  |                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                      |  |              |  |                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                      |  | SHEET 1 OF 2 |  |                                                                                                                                                                                                                                           |



# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[ATF13-08PC-BM01](#)