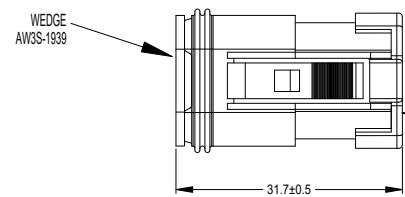
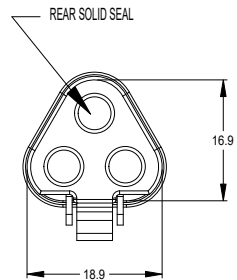
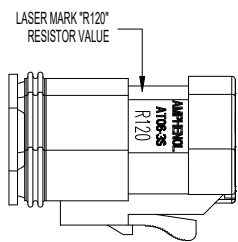
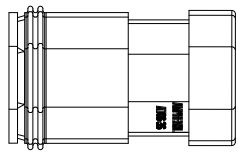
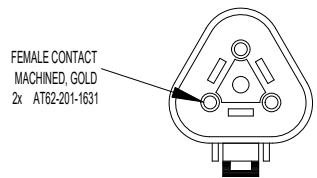
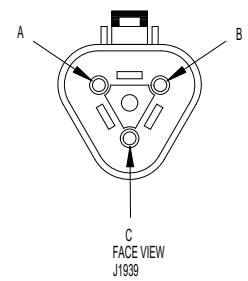


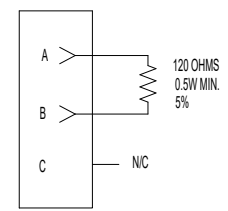
| REVISIONS |     |                                 |           |       |       |
|-----------|-----|---------------------------------|-----------|-------|-------|
| REV       | ECO | DESCRIPTION                     | DATE      | BY    | APPR  |
| A3        | -   | RELEASE NEW DWG FORMAT          | 08JAN14   | JARRY |       |
| A4        | -   | REVISE DIMENSION, 31.7 WAS 31.3 | 11SEP20   | KEVIN | TOMMY |
| A5        | -   | ADDED MORE MATERIAL TO NOTES    | 3MAR25    | RO    | RO    |
| A6        | -   | ADDED IP RATING IP69K           | 10OCT2025 | JHEAD | DH    |



SEAL RETAINING CAP



WIRING DIAGRAM



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING, END CAP & WEDGELOCK: THERMOPLASTIC  
SEAL: SILICONE RUBBER  
CONTACTS: COPPER ALLOY
- MODIFICATIONS: N/A
- SPECIFICATIONS:
  - CURRENT RATING: 13 AMPS
  - OPERATING TEMPERATURE: -55°C TO +125°C
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - MOISTURE RESISTANCE:  
IP68 (1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION)  
IP69K (MATED CONDITION)
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART: AT04-3P\* RECEPTACLE  
( \* = MODIFICATIONS AND COLORS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- CONTACT SIZE: 16

| PART NUMBER CHART |                 |
|-------------------|-----------------|
| COLOR             | PART NUMBER     |
| GREY              | AT06-3S-RJ120   |
| BLACK             | AT06-3S-RJ120BK |

| SEE CHART                                                                                                                                                                                 |      |                                                                                                                                                                                                                                                                      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| PART NUMBER                                                                                                                                                                               |      | DESCRIPTION                                                                                                                                                                                                                                                          |  |  |  |
| QUANTITY                                                                                                                                                                                  | ITEM |                                                                                                                                                                                                                                                                      |  |  |  |
| 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   Fractions ±1/64<br>2 PL DEC ±0.15   Angles ±1°<br>3 PL DEC ±0.08 |      | SIGNATURES DATE<br>DRAWN: KEVIN 11SEP20<br>CHECKED: ORION 11SEP20<br>ENGINEER:<br>APPROVAL: TOMMY 11SEP20<br>CUSTOMER:                                                                                                                                               |  |  |  |
| 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 DWG NO: B C- AT06-3S-RJ120XX REVISION: A6                                                                                                                                                                                                                  |  |  |  |
| NEXT ASSY:                                                                                                                                                                                |      | SCALE: NONE SHEET 1 OF 1                                                                                                                                                                                                                                             |  |  |  |

**Amphenol**

Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)  
44724 Morley Drive  
Clinton Township, MI 48036

PLUG, 3 WAY, J1939, 120 OHM