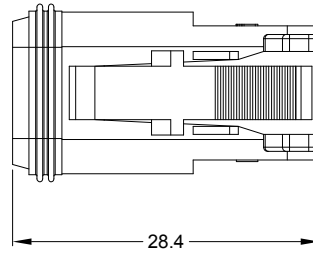
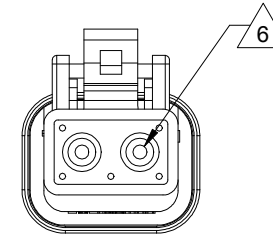
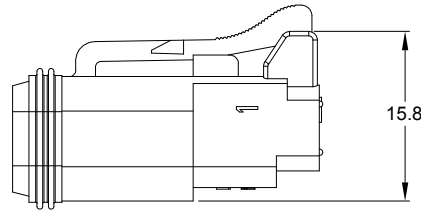


| REVISIONS |        |                        |         |       |       |
|-----------|--------|------------------------|---------|-------|-------|
| REV       | ECO    | DESCRIPTION            | DATE    | BY    | APPR  |
| A3        | -      | RELEASE NEW DWG FORMAT | 26DEC13 | DRP   |       |
| A4        | C0540S | UPDATE DIMENSIONS      | 22JUN16 | JONY  | TOMMY |
| A5        | -      | ADD COLOR OPTION       | 23NOV20 | LOUIE | TOMMY |

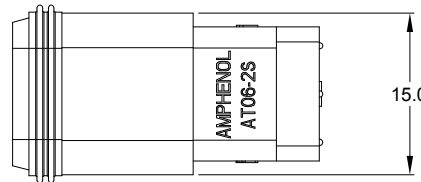


REQUIRES CONTACT RETENTION WEDGE AW2S

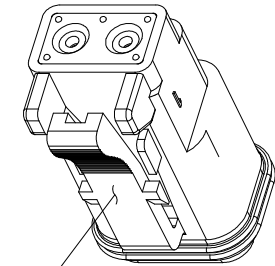


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
- 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



STANDARD MOLDED COLOR IS GREY.  
ADDITIONAL COLORS SHOWN IN PART NUMBER CHART ARE AVAILABLE VIA SPECIAL ORDER.



| PART NUMBER CHART |             |
|-------------------|-------------|
| COLOR             | PART NUMBER |
| GREY              | AT06-2S     |
| BLACK             | AT06-2S-BLK |
| BLUE              | AT06-2S-BLU |
| BROWN             | AT06-2S-BRN |
| GREEN             | AT06-2S-GRN |
| RED               | AT06-2S-RED |
| WHITE             | AT06-2S-WHT |
| YELLOW            | AT06-2S-YEL |
| ORANGE            | AT06-2S-ORG |

- MATING PART: AT04-2P\* RECEPTACLE  
(\* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

| CONTACT SIZE | MIN. INSUL O.D.      | MAX. INSUL O.D.      | TYPICAL WIRE RANGE                       |
|--------------|----------------------|----------------------|--|
| 16           | 2.24 mm<br>(.088 in) | 3.68 mm<br>(.145 in) | 14 - 20 AWG<br>(2.0-0.5mm <sup>2</sup> ) |

TITLE: PLUG, 2 SOCKET, AT SERIES  
DWG NO: AT06-2S-XXX  
REV: A5  
SH: 1  
OF: 1

|                                      |                |  |  |
|--------------------------------------|----------------|--|--|
| SEE PART NUMBER CHART                |                | REF: DT06-2S, DT06-2S-E004, DT06-2S-P004, DT06-2S-P012   |  |
| PART NUMBER                          |                | DESCRIPTION  |  |
| QUANTITY                             | MATERIALS LIST |  |  |
| UNLESS OTHERWISE SPECIFIED           |                | SIGNATURES   |  |
| 1) All dimensions are in metric(mm). |                | DATE   |  |
| 2) Tolerances are as follows:        |                | DRAWN: LOUIE 23NOV20   |  |
| 1 PL DEC ±0.30                       |                | CHECKED: ORION 24NOV20   |  |
| 2 PL DEC ±0.15                       |                | ENGINEER:  |  |
| 3 PL DEC ±0.06                       |                | APPROVAL: TOMMY 25NOV20  |  |
| 3) Note reference =                  |                | 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   |  |
| NEXT ASSY:                           |                | TYPE   |  |
|                                      |                | DWG NO:  |  |
|                                      |                | REVISION   |  |
|                                      |                | B C-   |  |
|                                      |                | AT06-2S-XXX  |  |
|                                      |                | A5   |  |
|                                      |                | SCALE: NONE  |  |
|                                      |                | SHEET 1 OF 1   |  |