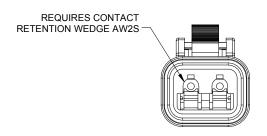
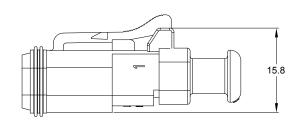
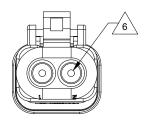


|     |        | REVISIONS              |         |       |       |
|-----|--------|------------------------|---------|-------|-------|
| REV | ECO    | DESCRIPTION            | DATE    | BY    | APPR  |
| A3  | -      | RELEASE NEW DWG FORMAT | 11DEC13 | DRP   |       |
| A4  | C0540S | UPDATE DIMENSIONS      | 22JUL16 | JONY  | TOMMY |
| A5  | -      | ADD COLOR OPTION       | 23NOV20 | LOUIE | TOMMY |







NOTES: UNLESS OTHERWISE SPECIFIED

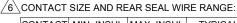
1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

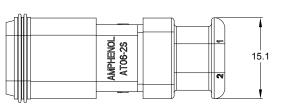
- 2. MODIFICATIONS: STRAIN RELIEF END CAP
- 3. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 13 AMPS
  - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
  - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - 3.5 MOISTURE RESISTANCE:

IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION) IP69K(MATED CONDITION)

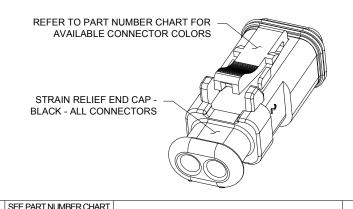
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-2P\* RECEPTACLE (\* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



| SIZE O.D. O.D. WIRE I       | DANCE  |
|-----------------------------|--------|
|                             | RANGE  |
| 2.24 mm 3.68 mm 14 - 20     | ) AWG  |
| (.088 in) (.145 in) (2.0-0. | .5mm²) |



| PART NUMBER CHART |                 |  |  |  |
|-------------------|-----------------|--|--|--|
| COLOR             | PART NUMBER     |  |  |  |
| GREY              | AT06-2S-SR01GRY |  |  |  |
| BLACK             | AT06-2S-SR01BLK |  |  |  |
| BLUE              | AT06-2S-SR01BLU |  |  |  |
| BROWN             | AT06-2S-SR01BRN |  |  |  |
| GREEN             | AT06-2S-SR01GRN |  |  |  |
| RED               | AT06-2S-SR01RED |  |  |  |
| WHITE             | AT06-2S-SR01WHT |  |  |  |
| YELLOW            | AT06-2S-SR01YEL |  |  |  |
| ORANGE            | AT06-2S-SR01ORG |  |  |  |



|  | SEEFARIN                      | DIVIDER  | IIAKI           |   |                                      |                  |        |     |   |
|--|-------------------------------|--|-----------------|---|--------------------------------------|------------------|--------|-----|---|
|  | PART N                        | NUMBER   |                 | DESCRIPTION   |                                      |                  | ITEM   | ] . |   |
| QUANTITY   |                               |  | MAT             | ERI   | IALS LIST                            |                  |        | ŀ   |   |
| 2) Tolerances are as follows:                      |                               | SIGN   | ATURES          | DATE  | Amphenol                             |                  |        |     | 1 |
|  |                               | DRAWN:   | LOUIE           | 23NOV20   |                                      | пирие            |        |     |   |
| 1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08 | Fractions ±1/64<br>Angles ±1* | CHECKED:   | ORION           | 24NOV20   | Sine Systems - www.amphenol-sine.com |                  | _      |     |   |
| 3) Note reference                                  | <b>-</b> ▲                    | ENGINEER:  |                 |   | 44724 Morley Drive                   |                  |        |     |   |
| MATERIAL SPECIFICA                                 | TIONS:                        | APPROVAL:  | TOMMY           | 25NOV20   | Clinton Township, MI 48036           |                  |        | +   |   |
|  |                               | CUSTOMER:  |                 |   | PLUG, 2 SOCKET, AT SERIES,           |                  |        |     |   |
|  |                               |  | S IS SUPPLIED I |   |                                      | STRAIN RELIEF EN | ID CAP |     |   |
| PROCESS SPECIFICATIONS:                            |                               | SPECIFICATIO<br>SHOWN HERE<br>THE AMPHENO<br>OF REPRODUC | ON ARE THE PR   | RMANCE DATA<br>ROPERTY OF<br>ON. NO RIGHTS<br>LIED. ALL | B C-                                 | AT06-2S-SR       |        | A5  |   |
| NEXT ASS'Y: MANUFACTURING VARIATION                |                               | IS.  | SCALE: NONE     |   | SHEET 1 OF                           | 1                |        |     |   |

PLUG, 2 SOCKET, AT SERIES, STRAIN RELIEF END CAP DWG NO: AT06-2S-SR01XXX

REV: **A5** 

£

## A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

|                   | Machined Contacts, Sockets & Pins      |      |       |          |  |
|-------------------|--|------|-------|----------|--|
| Part Number       | Description                            | Size | AWG   | Туре     |  |
| AT60-215-1631     | Male Contact - Pin, Gold-plated        | 16   | 14    | Machined |  |
| AT62-209-1631     | Female Contact - Socket, Gold-plated   | 16   | 14    | Machined |  |
| AT60-215-16141    | Male Contact - Pin, Nickel-plated      | 16   | 14    | Machined |  |
| AT62-209-16141    | Female Contact - Socket, Nickel-plated | 16   | 14    | Machined |  |
| AT60-202-1631     | Male Contact - Pin, Gold-plated        | 16   | 16-20 | Machined |  |
| AT62-201-1631     | Female Contact - Socket, Gold-plated   | 16   | 16-20 | Machined |  |
| AT60-202-16141    | Male Contact - Pin, Nickel-plated      | 16   | 16-20 | Machined |  |
| AT62-201-16141    | Female Contact - Socket, Nickel-plated | 16   | 16-20 | Machined |  |
| AT60-202-1631-22  | Male Contact - Pin, Gold-plated        | 16   | 22-24 | Machined |  |
| AT62-201-1631-22  | Female Contact - Socket, Gold-plated   | 16   | 22-24 | Machined |  |
| AT60-202-16141-22 | Male Contact - Pin, Nickel-plated      | 16   | 22-24 | Machined |  |
| AT62-201-16141-22 | Female Contact - Socket, Nickel-plated | 16   | 22-24 | Machined |  |

| Tooling - Machined Contacts |   |  |  |  |
|-----------------------------|---|--|--|--|
| Part Number                 | Description   |  |  |  |
| AUTK-16                     | Hand Crimp Tool, Size 16                                      |  |  |  |
| AUTK-100                    | Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20 |  |  |  |
| CA-5D12                     | Universal Hand Crimp Tool, Size 12/16/20                      |  |  |  |
| CA-5E12                     | Pneumatic Crimp Tool, Size 12/16/20                           |  |  |  |

| Contact Removal Tools (For both Machined or Stamped & Formed Contacts) |  |  |  |  |
|--|--|--|--|--|
| Part Number  | Description                            |  |  |  |
| ATRT-100   | Contact and Wedgelock Extraction Tool  |  |  |  |
| AT11-310-1605  | Contact Removal Tool, Plastic, Size 16 |  |  |  |

| Sealing Plugs (For both Machined or Stamped & Formed Contacts) |   |  |  |  |
|--|---|--|--|--|
| Part Number  | Description                                     |  |  |  |
| A114017  | Sealing Plug, Size 16, White                    |  |  |  |
| A114017-SR   | Sealing Plug, Size 16, SR01 Series, Black       |  |  |  |
| AT13-217-1605  | Locking Sealing Plug, Size 16, Grey             |  |  |  |
| AT13-217-1605-SR   | Locking Sealing Plug, Size 16, SR01 Series, Red |  |  |  |

| Stamped & Formed Contacts, Sockets & Pins |  |   |   |  |  |
|---|--|---|---|--|--|
| Description                               | Size   | AWG   | Туре  |  |  |
| Male Contact - Pin, Nickel-plated         | 16   | 14-18   | Stamped & Formed  |  |  |
| Female Contact - Socket, Nickel-plated    | 16   | 14-18   | Stamped & Formed  |  |  |
| Male Contact - Pin, Gold-plated           | 16   | 14-18   | Stamped & Formed  |  |  |
| Female Contact - Socket, Gold-plated      | 16   | 14-18   | Stamped & Formed  |  |  |
| Male Contact - Pin, Nickel-plated         | 16   | 16-18   | Stamped & Formed  |  |  |
| Female Contact - Socket, Nickel-plated    | 16   | 16-18   | Stamped & Formed  |  |  |
| Male Contact - Pin, Gold-plated           | 16   | 16-18   | Stamped & Formed  |  |  |
| Female Contact - Socket, Gold-plated      | 16   | 16-18   | Stamped & Formed  |  |  |
| Male Contact - Pin, Nickel-plated         | 16   | 16-20   | Stamped & Formed  |  |  |
| Female Contact - Socket, Nickel-plated    | 16   | 16-20   | Stamped & Formed  |  |  |
| Male Contact - Pin, Gold-plated           | 16   | 16-20   | Stamped & Formed  |  |  |
| Female Contact - Socket, Gold-plated      | 16   | 16-20   | Stamped & Formed  |  |  |
| Male Contact - Pin, Tin-plated            | 16   | 16-20   | Stamped & Formed  |  |  |
| Female Contact - Socket, Tin-plated       | 16   | 16-20   | Stamped & Formed  |  |  |
| Male Contact - Pin, Nickel-plated         | 16   | 20-22   | Stamped & Formed  |  |  |
| Female Contact - Socket, Nickel-plated    | 16   | 20-22   | Stamped & Formed  |  |  |
| Male Contact - Pin, Gold-plated           | 16   | 20-22   | Stamped & Formed  |  |  |
| Female Contact - Socket, Gold-plated      | 16   | 20-22   | Stamped & Formed  |  |  |
|   | Description  Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Tin-plated Female Contact - Pin, Tin-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Gold-plated | DescriptionSizeMale Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Nickel-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Pin, Gold-plated16Male Contact - Pin, Mickel-plated16Female Contact - Socket, Gold-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Tin-plated16Female Contact - Pin, Tin-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16 | DescriptionSizeAWGMale Contact - Pin, Nickel-plated1614-18Female Contact - Socket, Nickel-plated1614-18Male Contact - Pin, Gold-plated1614-18Female Contact - Socket, Gold-plated1614-18Male Contact - Pin, Nickel-plated1616-18Female Contact - Socket, Nickel-plated1616-18Male Contact - Pin, Gold-plated1616-18Female Contact - Socket, Gold-plated1616-18Male Contact - Pin, Nickel-plated1616-20Female Contact - Socket, Nickel-plated1616-20Male Contact - Pin, Gold-plated1616-20Female Contact - Socket, Gold-plated1616-20Male Contact - Pin, Tin-plated1616-20Female Contact - Pin, Tin-plated1616-20Male Contact - Pin, Nickel-plated1616-20Male Contact - Socket, Tin-plated1616-20Male Contact - Pin, Nickel-plated1620-22Female Contact - Socket, Nickel-plated1620-22Male Contact - Pin, Gold-plated1620-22 |  |  |

| Tooling - Stamped & Formed Contacts |                                     |  |  |
|-------------------------------------|-------------------------------------|--|--|
| MFX-3950                            | Crimp Die - Size 16, 18-20AWG       |  |  |
| MFX-3953                            | Crimp Die - Size 16, 16-18AWG       |  |  |
| MFX-3975                            | Crimp Die - Size 16, 14-16AWG       |  |  |
| MFX-3990                            | Crimp Die - Size 16, 20-22AWG       |  |  |
| ATT-16-00                           | Hand Crimp Tool - Size 16, 14-16AWG |  |  |
| ATT-16-01                           | Hand Crimp Tool - Size 16, 18-20AWG |  |  |
| ATT-1612-03                         | Hand Crimp Tool - Size 16, 20-22AWG |  |  |