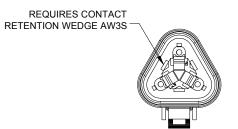
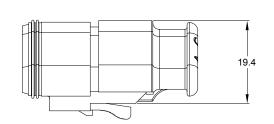
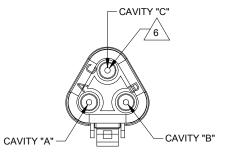
| ——40.7±0.6 ———■ | |
|-----------------|-----|
| | |
| | e e |

| | | 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

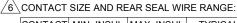
1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

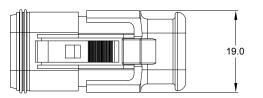
- 2. MODIFICATIONS: STRAIN RELIEF END CAP
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE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

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

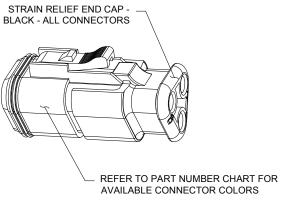
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-3P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



| CONTACT | MIN. INSUL | MAX. INSUL | TYPICAL |
|---------|----------------------|----------------------|-----------------------------|
| SIZE | O.D. | O.D. | WIRE RANGE |
| 16 | 2.24 mm (.088 in) | 3.68 mm (.145 in) | 14 - 20 AWG (2.0-0.5mm²) |
| | (.000 111) | () | (2.0 0.011111) |



| PART NI | PART NUMBER CHART | | |
|---------|-------------------|--|--|
| COLOR | PART NUMBER | | |
| GREY | AT06-3S-SR01GRY | | |
| BLACK | AT06-3S-SR01BLK | | |
| BLUE | AT06-3S-SR01BLU | | |
| BROWN | AT06-3S-SR01BRN | | |
| GREEN | AT06-3S-SR01GRN | | |
| RED | AT06-3S-SR01RED | | |
| WHITE | AT06-3S-SR01WHT | | |
| YELLOW | AT06-3S-SR01YEL | | |
| ORANGE | AT06-3S-SR01ORG | | |



PLUG, 3 SOCKET, AT SERIES, STRAIN RELIEF END CAP

AT06-3S-SR01XXX

REV:

A5

| | | | | | | | | _ |
|--|----------------|--------------|--|--|--------------------------------------|-----------------|----------------|---|
| | SEE PART N | UMBER C | HART | | | | | |
| | PART N | IUMBER | | DESCRIPTION | | | ITEM | |
| QUANTITY | | | MAT | ERI | ALS LI | ST | | _ |
| | WISE SPECIFIED | SIGN | IATURES | DATE | Λ | ma m h a | 2001 | |
| All dimensions a Tolerances are a PL DEC ±0.30 | | DRAWN: | LOUIE | 23NOV20 | | mphe | SHOL | |
| 2 PL DEC ±0.15 3 PL DEC ±0.08 | Angles ±1" | CHECKED: | ORION | 24NOV20 | Sine Systems - www.amphenol-sine.com | | | |
| 3) Note reference | - 🖈 | ENGINEER: | | | 44724 Morley Drive | | | |
| MATERIAI SPECIFICA | TIONS: | APPROVAL: | TOMMY | 25NOV20 | Clinton Township, MI 48036 | | | |
| WATERIAE SPECIFICA | HONG. | CUSTOMER: | | | PLUG, 3 SOCKET, AT SERIES, | | | |
| | | THIS DRAWING | | | 1 | STRAIN RELIEF E | ND CAP | |
| PROCESS SPECIFICA | TIONS: | SHOWN HERE | ON ARE THE POL CORPORAT CTION ARE IMP | ORMANCE DATA ROPERTY OF ION. NO RIGHTS PLIED. ALL | B C- AT06-3S-SR01XXX A | | REVISION A5 | |
| NEXT ASS'Y: | | MANUFACTUR | | NS. | SCALE: NONE SHEET 1 OF 1 | | 1 | |

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-20 | Hand Crimp Tool, Size 20 | | |
| 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 | | | | |
|---|--|------|-------|------------------|
| Part Number | Description | Size | AWG | Туре |
| AT60-14-0144 | Male Contact - Pin, Gold-plated | 16 | 14-16 | Stamped & Formed |
| AT62-14-0144 | Female Contact - Socket, Gold-plated | 16 | 14-16 | Stamped & Formed |
| AT60-14-0122 | Male Contact - Pin, Nickel-plated | 16 | 14-16 | Stamped & Formed |
| AT62-14-0122 | Female Contact - Socket, Nickel-plated | 16 | 14-16 | Stamped & Formed |
| AT60-16-0144 | Male Contact - Pin, Gold-plated | 16 | 16-18 | Stamped & Formed |
| AT62-16-0144 | Female Contact - Socket, Gold-plated | 16 | 16-18 | Stamped & Formed |
| AT60-16-0122 | Male Contact - Pin, Nickel-plated | 16 | 16-18 | Stamped & Formed |
| AT62-16-0122 | Female Contact - Socket, Nickel-plated | 16 | 16-18 | Stamped & Formed |
| AT60-16-0644 | Male Contact - Pin, Gold-plated | 16 | 18-20 | Stamped & Formed |
| AT62-16-0644 | Female Contact - Socket, Gold-plated | 16 | 18-20 | Stamped & Formed |
| AT60-16-0622 | Male Contact - Pin, Nickel-plated | 16 | 18-20 | Stamped & Formed |
| AT62-16-0622 | Female Contact - Socket, Nickel-plated | 16 | 18-20 | Stamped & Formed |
| AT60-16-0844 | Male Contact - Pin, Gold-plated | 16 | 20-22 | Stamped & Formed |
| AT62-16-0844 | Female Contact - Socket, Gold-plated | 16 | 20-22 | Stamped & Formed |
| AT60-16-0822 | Male Contact - Pin, Nickel-plated | 16 | 20-22 | Stamped & Formed |
| AT62-16-0822 | Female Contact - Socket, Nickel-plated | 16 | 20-22 | Stamped & Formed |

| | 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 | | |