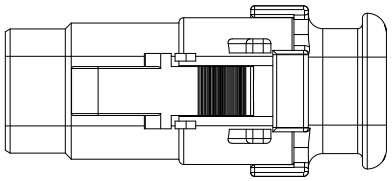
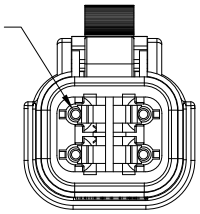
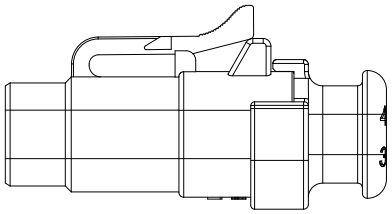
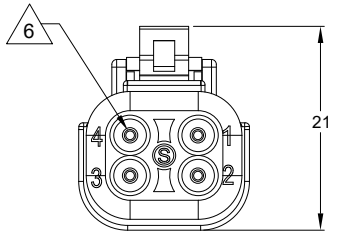
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | PERLIMINARY DESIGN | 25/OCT/14 | ORION | TOMMY |
| A2 | - | ADD COLOUR | 21/JUL/20 | LOUIE | TOMMY |
| A3 | - | UPDATE COLOUR OPTION | 6/NOV/20 | LOUIE | TOMMY |

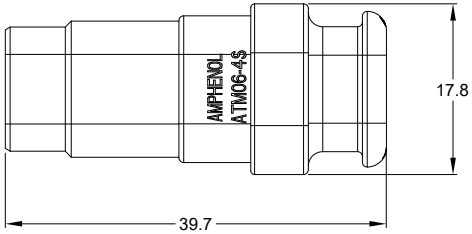


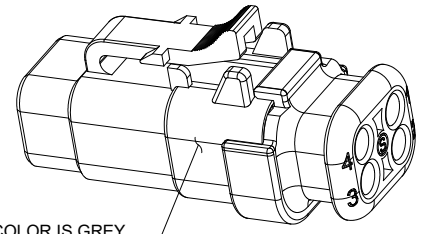
REQUIRES CONTACT
RETENTION WEDGE AWM-4S








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

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: STRAIN RELIEF END CAP

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 7.5 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: IP67 ( MATED CONDITION )
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART: ATM04-4P* RECEPTACLE.
   ( * = MODIFICATIONS AND/OR COLORS )

5. 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 |
|---|---|---|---|
| 20 | 1.35 mm (.053 in) | 3.05 mm (.120 in) | 16 - 22 AWG |

| PART NUMBER CHART | |
|---|---|
| COLOR | PART NUMBER |
| GREY | ATM06-4S-SR01GY |
| BLACK | ATM06-4S-SR01BK |
| BLUE | ATM06-4S-SR01BL |
| BROWN | ATM06-4S-SR01BN |
| GREEN | ATM06-4S-SR01GN |
| RED | ATM06-4S-SR01RD |
| WHITE | ATM06-4S-SR01WT |
| YELLOW | ATM06-4S-SR01YL |
| ORANGE | ATM06-4S-SR01OR |

| | SEE PART NUMBER CHART | | |
|---|---|---|---|
| | PART NUMBER | DESCRIPTION | ITEM |
| QUANTITY | MATERIALS LIST | | |

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | LOUIE | 06/NOV/20 |
| CHECKED: | ORION | 09/NOV/20 |
| ENGINEER: | | |
| APPROVAL: | TOMMY | 10/NOV/20 |
| CUSTOMER: | | |

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

PLUG, 4 SOCKET, STRAIN RELIEF,
ATM SERIES

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | ATM06-4S-SR01XX | A3 |

SCALE: NONE SHEET 1 OF 1

TITLE: PLUG, 4 SOCKET, STRAIN RELIEF, ATM SERIES
DWG NO: ATM06-4S-SR01XX
REV: A3
SH: 1
OF: 1

# **ATM Series™** - Contact Size 20 Options

| Machined Contacts, Sockets & Pins | | | | |
|---|---|---|---|---|
| **Part Number** | **Description** | **Size** | **AWG** | **Type** |
| AT60-010-2031 | Male Contact - Pin, Gold-plated | 20 | 16-18 | Machined |
| AT62-005-20141 | Female Contact - Socket, Gold-plated | 20 | 16-18 | Machined |
| AT60-010-20141 | Male Contact - Pin, Nickel-plated | 20 | 16-18 | Machined |
| AT62-005-2031 | Female Contact - Socket, Nickel-plated | 20 | 16-18 | Machined |
| AT60-202-2031 | Male Contact - Pin, Gold-plated | 20 | 20-22 | Machined |
| AT62-201-2031 | Female Contact - Socket, Gold-plated | 20 | 20-22 | Machined |
| AT60-202-20141 | Male Contact - Pin, Nickel-plated | 20 | 20-22 | Machined |
| AT62-201-20141 | Female Contact - Socket, Nickel-plated | 20 | 20-22 | Machined |

| Tooling - Machined Contacts | | |
|---|---|---|
| **Part** | **Part Number** | **Description** |
|  | CA-5D12 | Universal Hand Crimp Tool, Size 12/16/20<br>(Machined contacts only) |
|  | CA-5E12 | Pneumatic Crimp Tool, Size 12/16/20<br>(Machined contacts only) |

| Contact Removal Tools | | |
|---|---|---|
| **Part** | **Part Number** | **Description** |
|  | ATRT-100 | Used for removal of contacts for A Series™ products |
|  | AT11-240-2005 | Contact Removal Tool, Plastic, Size 20 |
|  | AT13-204-2005 | Sealing Plug, Size 20, White |

| Stamped & Formed Contacts, Sockets & Pins | | | | |
|---|---|---|---|---|
| **Part Number** | **Description** | **Size** | **AWG** | **Type** |
| AT60-20-0144 | Male Contact - Pin, Gold-plated | 20 | 16-22 | Stamped & Formed |
| AT62-20-0144 | Female Contact - Socket, Gold-plated | 20 | 16-22 | Stamped & Formed |
| AT60-20-0244 | Male Contact - Socket, Gold-plated | 20 | 16-22 | Stamped & Formed |
| AT62-20-0244 | Female Contact - Socket, Gold-plated | 20 | 16-22 | Stamped & Formed |
| AT60-20-0122 | Male Contact - Pin, Nickel-plated | 20 | 16-22 | Stamped & Formed |
| AT62-20-0122 | Female Contact - Socket, Nickel-plated | 20 | 16-22 | Stamped & Formed |
| AT60-20-0222 | Male Contact - Socket, Nickel-plated | 20 | 16-22 | Stamped & Formed |
| AT62-20-0222 | Female Contact - Socket, Nickel-plated | 20 | 16-22 | Stamped & Formed |
| AT60-20-0277 | Male Contact - Socket, Tin-plated | 20 | 16-22 | Stamped & Formed |
| AT62-20-0277 | Female Contact - Socket, Tin-plated | 20 | 16-22 | Stamped & Formed |
| AT60-20-0422 | Male Contact - Socket, Nickel-plated | 20 | 20-22 | Stamped & Formed |
| AT62-20-0444 | Female Contact - Socket, Gold-plated | 20 | 20-22 | Stamped & Formed |

| Tooling - Stamped & Formed Contacts | | |
|---|---|---|
| **Part** | **Part Number** | **Description** |
|  | MFX-3974 | Crimp Die - Size 20 (S&F contacts only) |
| | MFX-3976 | Crimp Die - Size 20 (S&F contacts only) 20-22AWG -04XX Series |
| | MFX-3978 | Crimp Die - Size 20 (S&F contacts only) 20-22AWG -02XX Series |
|  | ATT-20-00 | Hand Crimp Tool - Size 20, 20AWG (S&F contacts only) |

**Amphenol Sine Systems**
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09/2021