



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







AT Series



ATM Series



ATP Series



AHD Series

## A Series

Amphenol Transportation



Standard products. Custom solutions.



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# Table of Contents

We Are Amphenol	1
Standard products. Custom solutions.	2
Product Overviews	3-4
AT Series	
Overview	5
Features & Benefits	5
Part Numbering Sequence	6
Standard Product-Plugs & Wedgelocks	7-8
Standard Product-Receptacles & Wedgelocks	9-10
ATM Series	
Overview	11
Features & Benefits	11
Part Numbering Sequence	12
Standard Product-Plugs & Wedgelocks	13
Standard Product-Receptacles & Wedgelocks	14
ATP Series	
Overview	15
Features & Benefits	15
Part Numbering Sequence	16
Standard Product-Plugs & Wedgelocks	17
Standard Product-Receptacles & Wedgelocks	18
AHD Series	
Overview	19
Features & Benefits	19
Standard Product-Plugs	21
Standard Product-Receptacles	21
Receptacle Caps	22
Modifications	
AT-SR01, Strain Relief	23-24
End Cap/Rear Seals	25
J-1939	25-26
Flange Mount Receptacles	26
Colors-Plugs & Receptacles	26
Custom Products	
Adapter, 6 Pin to RJ45	27
LED Option	27
AHD Jam Nut Diagnostic Receptacle	27
AHD Unsealed Diagnostic Receptacle	28
Terminating Resistors	28
Cable Assemblies	28
Contact Options	
Standard & Specialty	29-30
Accessories & Tooling	
Field Repair Kits	31
Crimp Tools	32
Contact & Wedge Removal Tool	32

# We are Amphenol.

We are a global leader in providing you with interconnection options and solutions.

We fulfill the needs of Industrial, Factory Automation, Heavy Duty, Automotive, Diagnostic and Custom-design markets.

Our engineers design innovative combinations of industry standard connectors and application specific shielding components to create assembly systems that set the standards for performance, reliability, and cost effectiveness. Our engineering, materials, and manufacturing organizations meet the high standards imposed by ISO 9001 as well as many customer specific quality systems. Our performance has earned us ship to stock and world class performance awards from many major OEMs.

We are one of the largest interconnect solution suppliers in the world and supplies a wide range of product solutions worldwide. Amphenol, and all our subsidiaries, design, manufacture and market electrical, electronic and fiber-optic connectors, interconnect systems and coaxial and specialty cable. Amphenol has a diversified presence in high growth markets including: Information Technology and Data Communications Equipment, Mobile Devices, Mobile Networks, Broadband Communication, Military and Commercial Aerospace, Industrial and Automotive.





# Standard products. Custom solutions.

Our A Series™ product lines, which include AT, ATP, ATM and AHD Series™, have key placement in all areas of Heavy Duty Equipment, Agriculture, Marine, Automotive, Military, Alternative Energy and other demanding interconnect applications. Based on our superior build quality, high-performance capabilities and having been developed to be compatible with all other existing standard products industry-wide, our A Series™ products are perfect alternatives for you.

We can custom design, engineer and manufacture cable assemblies to your exact customer specifications and produce large or small quantities, all to the highest standards, delivered on-time and in-specification, all with a significant cost-savings over the competition.

By combining locally-based Program Management & Engineering, along with the associated cost advantages derived from manufacturing in our low-cost production centers in North America and Asia, our Team will work with you to design the most cost-efficient and reliable interconnect system available.



# Product Overviews

Amphenol's A Series™ connectors encompass a wide range of products serving a variety of industries. With applications in Heavy Duty, Transportation, Marine, Diagnostic, Military, Alternative Energy and Agricultural industries, as well as spanning the gap between controlled to harsh environmental conditions, our A Series™ connectors keep you connected with confidence. While our mission is to always provide the best economic alternatives to today's existing standard connector markets, it is through our constant efforts to improve on those standard products that truly display our innovative product designs.



## **AT Series™** See Pg. 5 2, 3, 4, 6, 8 and 12 positions available

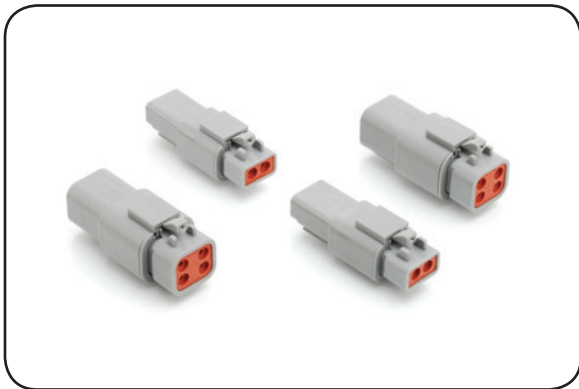
- 14-20AWG, 13A, Size 16
- High-performance, cost-effective
- Superior environmental seal retention
- RockSolid™ Contact technology (optional)
- Compatible with existing standard products industry-wide



## **ATM Series™** See Pg. 11 2, 3, 4, 6, 8 and 12 positions available

- 16-22AWG, 7.5A, Size 20
- High-performance, cost-effective
- Superior environmental seal retention
- Compatible with existing standard products industry-wide.

## Product Overviews



### **ATP Series™** See Pg. 15 2 and 4 position available

- 10-14AWG, 25A, Size 12
- High-performance, cost-effective
- Superior environmental seal retention capabilities
- Compatible with existing standard products industry-wide



### **AHD Series™** See Pg. 19 6 and 9 positions available

- 6 position: 10-14AWG, 25A, Size 12
- 9 position: 14-20AWG, 13A, Size 16
- High-performance, cost-effective
- Ideal for controlled/uncontrolled environmental conditions
- Compatible with existing standard products industry-wide



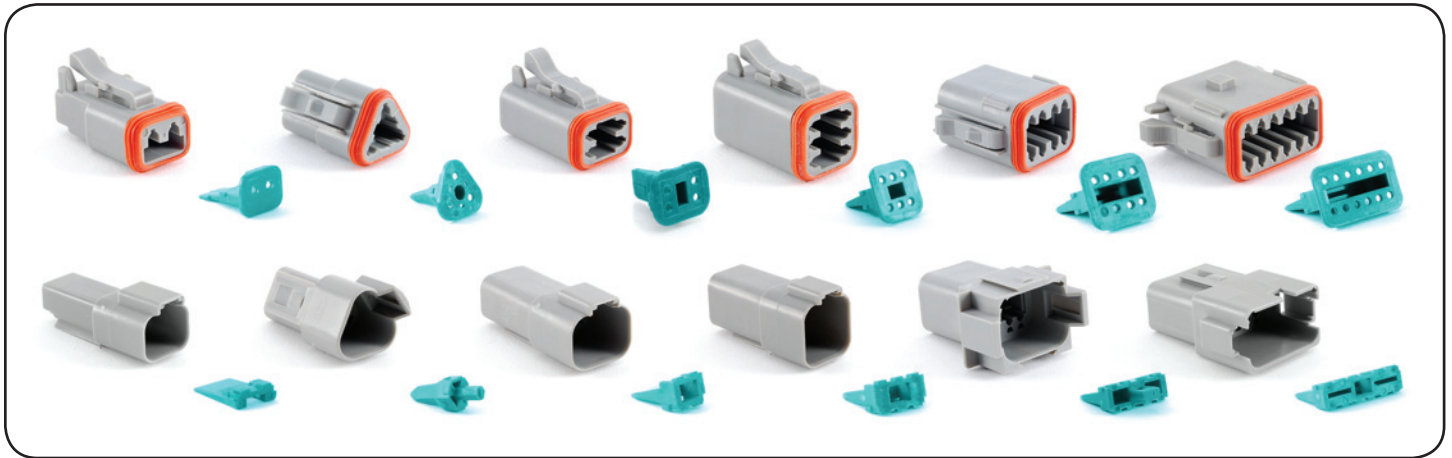
# AT Series™

## Overview

AT Series™ connectors are a high-performance, cost-effective solution able to be used in a variety of interconnect applications: Heavy Duty, Transportation, Marine, Diagnostic, Military, Alternative Energy and Agricultural. They contain superior environmental seals, seal retention capabilities and feature RockSolid™ Contact technology.

The connector design incorporates an integral latching system that ensures a definitive electrical and mechanical connection. Connector housings are manufactured with a thermoplastic material that is not only durable, but has excellent UV resistance, dielectric/mechanical properties and environmentally RoHS compliant. The sealing system is comprised of a front and rear silicone, multi-sealing perimeter against environmental ingress. Contacts are derived from quality copper alloy to ensure an electrically-reliable connection.

AT Series™ connectors are compatible with other existing standard products industry-wide.



## Features & Benefits

Current Capacity	Size 16, 13A (max)
Wire Range	Size 16 contacts will accept wire ranges of 14 thru 20AWG
Temperature	Operating temperature range: -55°C to +125°C at rated current
Dielectric Value	Meets or exceeds 1500 volts minimum
Drop Test	Shall not become detached or loosened when placed at 750mm and dropped to concrete eight times
Shock	No latch disengagement or discontinuity shall be the result when subjected to 50 g's in each of three axis (X, Y & Z)
Vibration	Continued continuity without degradation to mechanical or physical attributes following vibration. (max acceleration 20 g's at Sine sweep of 10-2000Hz)
Connector Terminal Retention	When subjected to a direct pull, contacts achieve a minimum pull-out force of 25 lbs.
Connector Retention	A mated connector subjected to a pulling force by the exiting wire bundle at 25 lbs. times the number of contacts to a maximum of 100 lbs. applying load for 30 seconds

# AT Series™

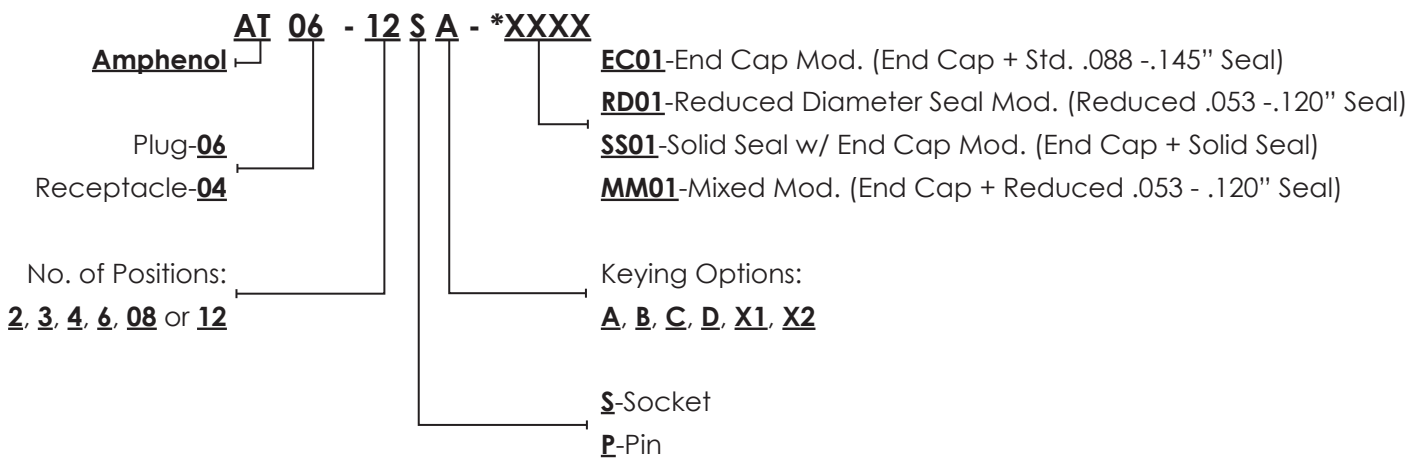
## Features & Benefits, cont.

Thermal Shock	Subjected to 10 cycles at -55°C to +125°C with no cracking, chipping or other damage detrimental to the normal operation of the connector
Insulation Resistance	Insulation resistance at 25°C shall be greater than 20 megohms when 1000 VDC are applied
Mating Cycle Durability	Following 100 cycles of connection engagement and disengagement, degradation either mechanical or electrical is not evident
Contact Millivolt Drop	Size 16 contacts with 16AWG conductor - *100 millivolt drop max at 13A test current
Water Immersion	A mated connection, properly wired, placed in an oven at +125°C for 1 hour, then placed immediately in a depth of water of 1 meter for 4 hours without loss of electronic performance

## Product Material

Housings	Thermoplastic
Seals	Silicone Elastomer
Secondary Locks	Thermoplastic
Contacts	Copper Alloy, Nickel Plated, Gold optional


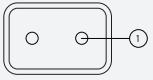


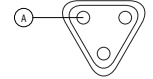


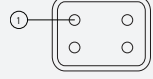


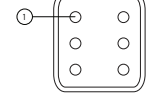


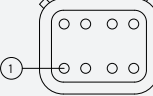


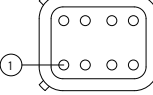

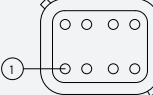

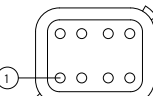
## AT Series™ Part Numbering Sequence



**NOTE:** The above modifications (-XXXX) are only a sampling of the options available to our customers. For more information, please contact your Sales Representative.

# AT Series™ Standard Products

## Plugs & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions


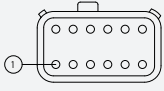

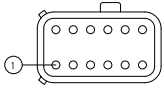

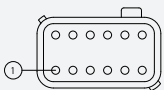

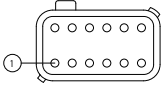

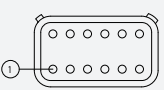

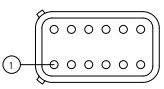

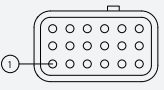
Plug	Face View	Part Number	Description	Wedgelock	Part Number	Part Description
		AT06-2S	Plug, 2-Way		AW2S	Wedgelock Plug, 2-Way
		AT06-3S	Plug, 3-Way		AW3S	Wedgelock Plug, 3-Way
		AT06-4S	Plug, 4-Way		AW4S	Wedgelock Plug, 4-Way
		AT06-6S	Plug, 6-Way		AW6S	Wedgelock Plug, 6-Way
		AT06-08SA	Plug, 8-Way A Position		AW8S	Wedgelock Plug, 8-Way
		AT06-08SB	Plug, 8-Way B Position			
		AT06-08SC	Plug, 8-Way C Position			
		AT06-08SD	Plug, 8-Way D Position			


**NOTE:** Wedgelocks are required for all plugs.



# AT Series™ Standard Products

Plugs & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions, cont.

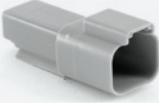
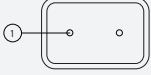


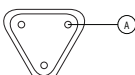


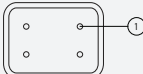


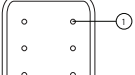


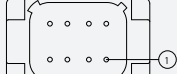


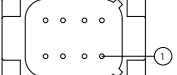

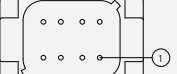

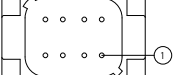
Plug	Face View	Part Number	Description
		AT06-12SA	Plug, 12-Way A Position
		AT06-12SB	Plug, 12-Way B Position
		AT06-12SC	Plug, 12-Way C Position
		AT06-12SD	Plug, 12-Way D Position
		AT06-12SX1	Plug, 12-Way X1 Position
		AT06-12SX2	Plug, 12-Way X2 Position
		AT16-18SB-K004	Plug, 18-Way (Wedgelock/ Endcap Included)

Wedgelock	Part Number	Part Description
	AW12S	Wedgelock Plug, 12-Way

**NOTE:** Wedgelocks are required for all plugs.

# AT Series™ Standard Products


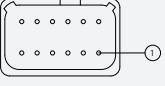

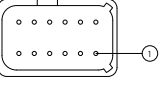

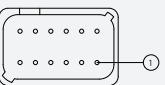

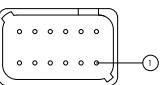

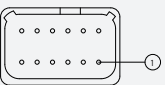
## Receptacles & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions


Receptacle	Face View	Part Number	Description	Wedgelock	Part Number	Part Description
		AT04-2P	Receptacle, 2-Way		AW2P	Wedgelock Recep., 2-Way
		AT04-3P	Receptacle, 3-Way		AW3P	Wedgelock Recep., 3-Way
		AT04-4P	Receptacle, 4-Way		AW4P	Wedgelock Recep., 4-Way
		AT04-6P	Receptacle, 6-Way		AW6P	Wedgelock Recep., 6-Way
		AT04-08PA	Receptacle, 8-Way A Position		AW8P	Wedgelock Recep., 8-Way
		AT04-08PB	Receptacle, 8-Way B Position			
		AT04-08PC	Receptacle, 8-Way C Position			
		AT04-08PD	Receptacle, 8-Way D Position			

**NOTE:** Wedgelocks are required for all receptacles.

# AT Series™ Standard Products

Receptacles & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions, cont.

Receptacle	Face View	Part Number	Description
		AT04-12PA	Receptacle, Extended Shroud, 12-Way, A Position
		AT04-12PB	Receptacle, Extended Shroud, 12-Way, B Position
		AT04-12PC	Receptacle, Extended Shroud, 12-Way, C Position
		AT04-12PD	Receptacle, Extended Shroud, 12-Way, D Position
		AT04-12PA-NES	Receptacle, Non-Extended Shroud, 12-Way, A Position

Wedgelock	Part Number	Part Description
	AW12P	Wedgelock Recep., 12-Way

**NOTE:** Wedgelocks are required for all receptacles.



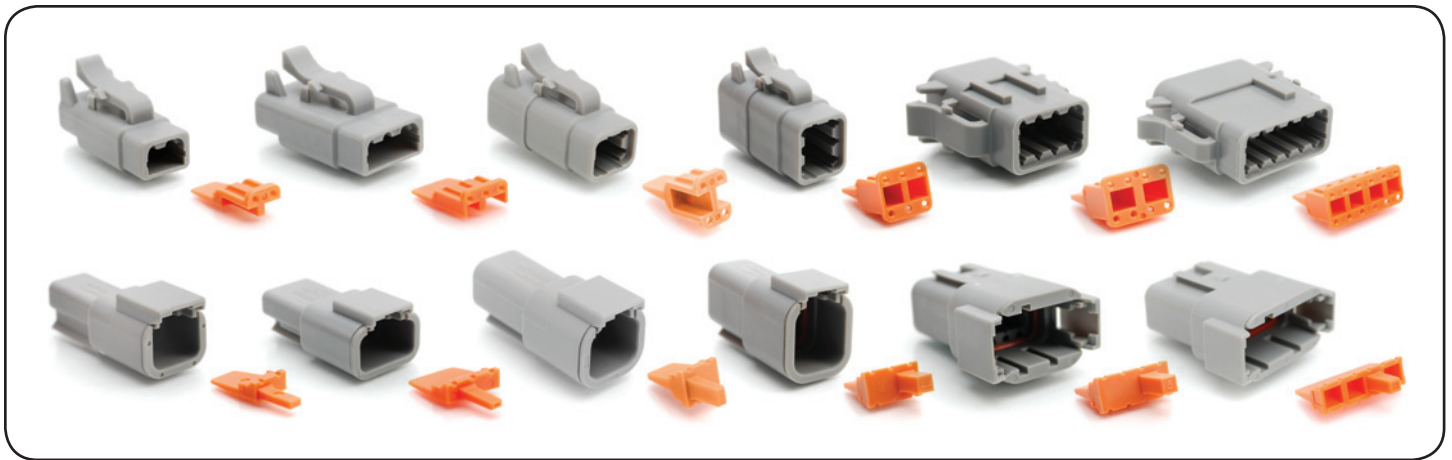
# ATM Series™

## Overview

ATM Series™ connectors are a high-performance, cost-effective solution specifically designed for smaller AWG applications, while still maintaining the strengths of the AT Series™ product line.

The connector design incorporates an integral latching system that ensures a definitive electrical and mechanical connection. Connector housings are manufactured with a thermoplastic material that is not only durable, but has excellent UV resistance, dielectric/mechanical properties and environmentally RoHS compliant. The sealing system is comprised of an internal and rear silicone, multi-sealing perimeter against environmental ingress. Contacts are derived from quality copper alloy to ensure an electrically-reliable connection.

ATM Series™ connectors are compatible with other existing standard products industry-wide.



## Features & Benefits

Current Capacity	Size 20, 7.5A (max)
Wire Range	Size 20 contacts will accept wire ranges of 16 thru 22AWG
Temperature	Operating temperature range: -55°C to +125°C at rated current
Dielectric Value	Meets or exceeds 1500 volts minimum
Drop Test	Shall not become detached or loosened when placed at 750mm and dropped to concrete eight times
Shock	No latch disengagement or discontinuity shall be the result when subjected to 50 g's in each of three axis (X, Y & Z)
Vibration	Continued continuity without degradation to mechanical or physical attributes following vibration. (max acceleration 20 g's at Sine sweep of 10-2000Hz)
Connector Terminal Retention	When subjected to a direct pull, contacts achieve a minimum pull-out force of 89 lbs.
Connector Retention	A mated connector subjected to a pulling force by the exiting wire bundle at 89 lbs. times the number of contacts to a maximum of 356 lbs. applying load for 30 seconds

# ATM Series™

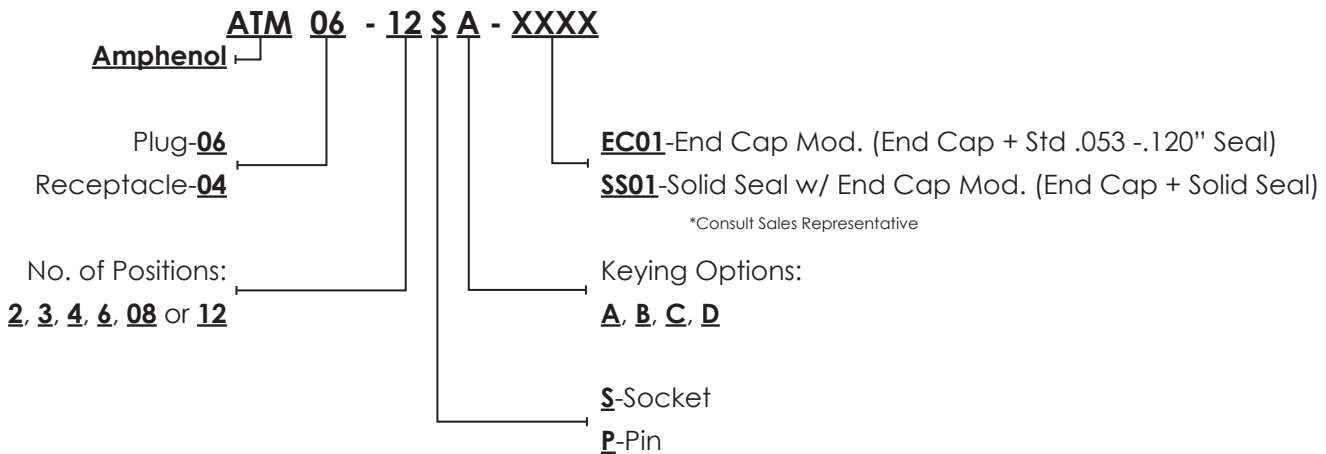
## Features & Benefits, cont.

Thermal Shock	Subjected to 10 cycles at -55°C to +125°C with no cracking, chipping or other damage detrimental to the normal operation of the connector
Insulation Resistance	Insulation resistance at 25°C shall be greater than 20 megohms when 1000 VDC are applied
Mating Cycle Durability	Following 100 cycles of connection engagement and disengagement, degradation either mechanical or electrical is not evident
Contact Millivolt Drop	Size 20 (stamped & formed) contacts with 20AWG conductor - 60 (solid contact) millivolt drop max; 100 (stamped & formed contact) millivolt drop max at 7.5A test current
Water Immersion	A mated connection, properly wired, placed in an oven at +125°C for 1 hour, then placed immediately in a depth of water of 1 meter for 4 hours without loss of electronic performance

## Product Material

Housings	Thermoplastic
Seals	Silicone Elastomer
Secondary Locks	Thermoplastic
Contacts	Copper Alloy, Nickel Plated, Gold optional


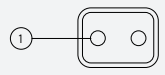

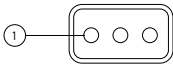

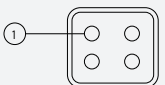

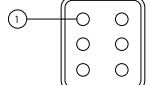

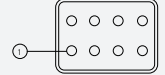

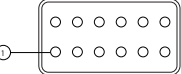
## ATM Series™ Part Numbering Sequence



**NOTE:** The above modifications (-XXXX) are only a sampling of the options available to our customers. For more information, please contact your Sales Representative.

# ATM Series™ Standard Products

## Plugs & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions

Plug	Face View	Part Number	Description
		ATM06-2S	Plug, 2-Way
		ATM06-3S	Plug, 3-Way
		ATM06-4S	Plug, 4-Way
		ATM06-6S	Plug, 6-Way
		ATM06-08SA	Plug, 8-Way, A Position
		ATM06-12SA	Plug, 12-Way, A Position

**NOTE:** B, C, and D keying positions are available for all 8 and 12 positions plugs. For more information, please contact your Sales Representative.

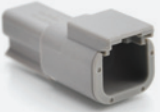
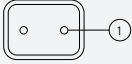
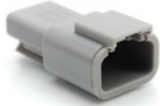
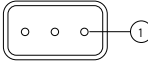
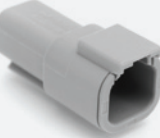
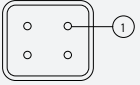

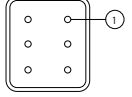

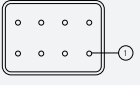

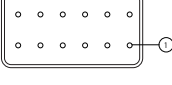
Wedgelock	Part Number	Part Description
	AWM-2S	Wedgelock Plug, 2-Way
	AWM-3S	Wedgelock Plug, 3-Way
	AWM-4S	Wedgelock Plug, 4-Way
	AWM-6S	Wedgelock Plug, 6-Way
	AWM-8S	Wedgelock Plug, 8-Way
	AWM-12S	Wedgelock Plug, 12-Way






**NOTE:** Wedgelocks are required for all plugs.



# ATM Series™ Standard Products

## Receptacles & Wedgelocks - 2, 3, 4, 6, 8 and 12 positions

Receptacle	Face View	Part Number	Description
		ATM04-2P	Receptacle, 2-Way
		ATM04-3P	Receptacle, 3-Way
		ATM04-4P	Receptacle, 4-Way
		ATM04-6P	Receptacle, 6-Way
		ATM04-08PA	Receptacle, 8-Way, A Position
		ATM04-12PA	Receptacle, 12-Way, A Position

Wedgelock	Part Number	Part Description
	AWM-2P	Wedgelock Receptacle, 2-Way
	AWM-3P	Wedgelock Receptacle, 3-Way
	AWM-4P	Wedgelock Receptacle, 4-Way
	AWM-6P	Wedgelock Receptacle, 6-Way
	AWM-8P	Wedgelock Receptacle, 8-Way
	AWM-12P	Wedgelock Receptacle, 12-Way

**NOTE:** B, C, and D keying positions are available for all 8 and 12 positions receptacles. For more information, please contact your Sales Representative.

**NOTE:** Wedgelocks are required for all receptacles.

# ATP Series™

## Overview

ATP Series™ connectors are designed as a high-performance, cost-effective, thermoplastic solution to be used within the Marine, Heavy Equipment, Agricultural, Automotive, Alternative Energy fields, as well as other demanding interconnect applications. Available in 2 and 4 position options, the ATP Series™ Connectors contain superior environmental seals, seal retention capabilities and are designed for use with 10-14AWG with size 12 contacts handling up to 25A.

ATP Series™ connectors are compatible with other existing standard products industry-wide.



## Features & Benefits

Current Capacity	Size 12, 25A (max)
Wire Range	Size 12 contacts will accept wire ranges of 12 thru 14AWG
Temperature	Operative at temperatures from -55°C to +125°C. Continuous at rated current.
Dielectric Withstanding Voltage	Current leak less than 2 milliamps at 1500 VAC
Physical Shock	No unlocking, unmating or other unsatisfactory results during or after 50 G's in each of three usually perpendicular planes. No electrical discontinuities longer than 1 microsecond. MIL-STD 202. Method 213, Condition "C".
Vibration	Maintains continuity and exhibits no mechanical or physical damage after vibration levels of 20 G's at 10-2000 Hz.
Insulation Resistance	1000 megohms minimum 25°C
Corrosion Resistance	Connectors show no evidence of corrosion after exposure to 48 hours of salt spray per MIL - STD 1344, method 1001.
Submersion	IP67. Wired and mated connection will withstand immersion under three feet of water without loss of electronic qualities or leakage.
Fluid Resistance	Connectors show no damage when exposed to most fluids used in industrial application.
Contact Retention Contacts (minimum load)	70lbs. for Size 12 contacts.
Thermal Cycle	No cracking, chipping or leaking after 20 test cycles from -55°C to +125°C.
Durability	No electrical or mechanical defects after 100 cycles of engagement and disengagement.

# ATP Series™

## Features & Benefits, cont.

### Contact Resistance

Contacts	Size 12
Wire Gauge	12AWG
Test Current	25A
Resistance (Solids)	60 μV
Resistance (Stamped & Formed)	100 μV

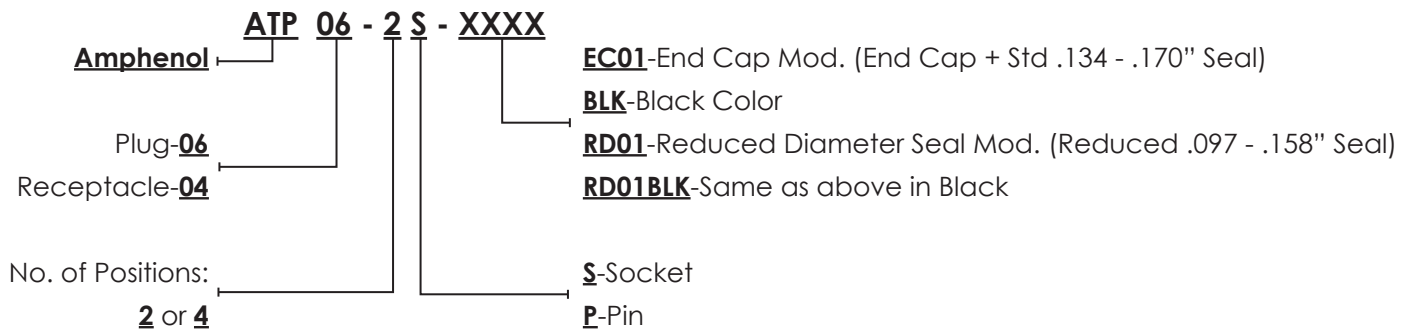
### Wire Sealing Range

Contacts	Size 12
Recommended Wire Installation O.D.	Standard (S-Seal) .134-.170" Thin Wall (RD-Seal) .097-.158"

### Product Material

Shell	Thermoplastic
Seals	Silicone Elastomer
Wedge	Thermoplastic
Contacts	Pins: Copper alloy; Sockets: Copper alloy; Finish: Nickel-plated (optional Gold)

### ATP Series™ Part Numbering Sequence


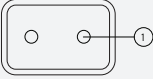

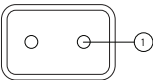

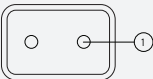

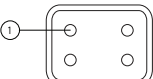

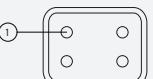

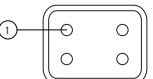

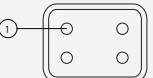

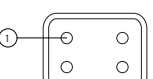




**NOTE:** The above modifications (-XXXX) are only a sampling of the options available to our customers. For more information, please contact your Sales Representative.



# ATP Series™ Standard Products

## Plugs & Wedgelocks - 2 and 4 positions

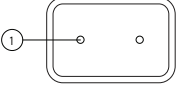
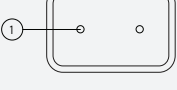

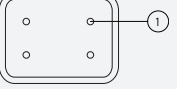
Plug	Face View	Part Number	Description
		ATP06-2S	Plug 2-Way
		ATP06-2S-BLK	Plug 2-Way, Black
		ATP06-2S-EC01	Plug 2-Way
		ATP06-4S	Plug 4-Way
		ATP06-4S-BLK	Plug 4-Way, Black
		ATP06-4S-EC01	Plug 4-Way
		ATP06-4S-RD01	Plug 4-Way
		ATP06-4S-RD01BLK	Plug 4-Way, Black

Wedgelock	Part Number	Part Description
	AWP-2S	Wedgelock Plug, 2-Way
	AWP-4S	Wedgelock Plug, 4-Way

**NOTE:** Wedgelocks are required for all plugs.

# ATP Series™ Standard Products

## Receptacles & Wedgelocks - 2 and 4 positions

Receptacle	Face View	Part Number	Description	Wedgelock	Part Number	Part Description
		ATP04-2P	Recep. 2-Way		AWP-2P	Wedgelock Receptacle, 2-Way
		ATP04-2P-BLK	Recep. 2-Way, Black			
		ATP04-2P-EC01	Recep. 2-Way			
		ATP04-4P	Recep. 4-Way		AWP-4P	Wedgelock Receptacle, 4-Way
		ATP04-4P-BLK	Recep. 4-Way, Black			
		ATP04-4P-EC01	Recep. 4-Way			
		ATP04-4P-RD01	Recep. 4-Way			

**NOTE:** Wedgelocks are required for all receptacles.

# AHD Series™

## Overview

AHD Series™ connectors were developed in response to the overwhelming need for an economic alternative to today's existing diagnostic product options. Designed specifically as a cost-conscious, reliable alternative, intermateable to industry standard 6 and 9 pin connectors, the AHD Series™ is ideal for any situation where either controlled and/or uncontrolled environmental conditions exist.

AHD Series™ Connectors offer both a smooth, non-sealing option for controlled applications, as well as an environmentally-sealed, threaded option for more demanding applications.

AHD Series™ connectors are completely compatible with all other existing standard products industry-wide.



## Features & Benefits

Current Capacity	6 position: Size 12, 25A (max) 9 position: Size 16, 13A (max)
Wire Range	Size 12 contacts will accept wire ranges of 10 thru 14AWG Size 16 contacts will accept wire ranges of 14 thru 20AWG
Temperature	DiagnosticGrade™ / Military Style: Operating temperature range: -55°C TO +125°C at rated current.
Dielectrical Strength	DiagnosticGrade™ / Military Style: 1500 volts minimum
Physical Shock	Military Style: No locking, unmating or other unsatisfactory result after 50 g's in each of three mutually perpendicular planes.
Vibration	Military Style: Maintains continuity and exhibits no mechanical or physical damage after vibration. (20 g's at 10-2000 Hz)
Insulation Resistance	DiagnosticGrade™ / Military Style: 1000 megohms minimum at 25°C.
Durability	DiagnosticGrade™ / Military Style: No electric or mechanical defects after 100 cycles of engagement and disengagement.

# AHD Series™

## Features & Benefits, cont.

Integrated Alignment Keys	Tactile verification for blind mating
Strong Thermoplastic Housing	Extended service life
Operating Temperature Range	-55°C TO +125°C - Wide range compatibility
Economically Sound	Low overall cost
Rohs Compliant	Environmentally friendly
UL Approval	Certified and compliant
Contact Current Rating	DiagnosticGrade™ / Military Style: At +125°C, continuous, less thru wire: #12 contact = 25A max. current; #16 contact = 13A max. current
Corrosion Resistance	DiagnosticGrade™ / Military Style: Connectors show no evidence of corrosion after exposure to 48 hours of salt spray per MIL-STD 1344 method 1001.


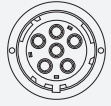








## Product Material

Housings	Thermoplastic
Seals	Silicone Elastomer
Contacts	Copper alloy/Gold plated


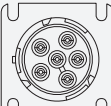

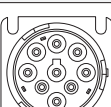

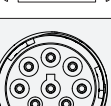

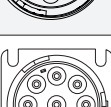

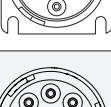


# AHD Series™ Standard Products

## Plugs - 6 and 9 positions

Plug	Face View	Part Number	Description
		AHD16-6-12S	6 Position, Plug, Smooth Shell Diagnostic Grade *Size 12 pin contacts only
		AHD16-6-12SB010	6 Position, Plug, Locking Ring *Size 12 pin contacts only
		AHD16-9-1939S	9 Position, Plug, Locking Ring *Size 16 pin contacts only
		AHD17-9-1939S	9 Position, Plug, Smooth Shell *Size 16 pin contacts only.
		AHD16-9-96S	9 Position, Plug, Locking Ring (non-J1939) <b>SPECIAL ORDER</b> *Size 16 pin contacts only.

## Receptacles - 6 and 9 positions

Receptacle	Face View	Part Number	Description
		AHD10-6-12P-L	6 Position, Receptacle *Size 12 socket contacts only
		AHD10-9-1939P	9 Position, Receptacle, Flange *Size 12 socket contacts only
		AHD14-9-1939P	9 Position, Receptacle, In-Line Threaded Rear J1939 *Size 16 socket contacts only
		AHD10-9-96P	9 Position, Receptacle (Non J-1939) <b>SPECIAL ORDER</b> *Size 16 socket contacts only
		AHD14-9-96P	9 Position, Receptacle, In Line Threaded Rear <b>SPECIAL ORDER</b> *Size 16 socket contacts only

# AHD Series™ Standard Products

## Receptacle Caps - 6 and 9 positions

Cap	Part Number	Description
	AHDC-16-6	6 Position, Receptacle, Cap, Grey
<b>OBD</b> 	AHDC-16-9-OBDBK	9 Position, Receptacle, Cap, Black, <b>OBD Label</b>
<b>OBD</b> 	AHDC169-T-OBDBK	9 Position, Receptacle, Cap w/ Tether, Black, <b>OBD Label</b>
<b>OBD</b> 	AHDC169-TMOBDBK	9 Position, Receptacle, Cap w/ Wire Tether, Black, <b>OBD Label</b>
	AHDC-16-9	9 Position, Receptacle, Cap, Grey
	AHDC-16-9-BLK	9 Position, Receptacle, Cap, Black
	AHDC169-T-BLK	9 Position, Receptacle, Cap w/ Tether, Grey
	AHDC169-T	9 Position, Receptacle, Cap w/ Tether, Black
	AHDC169-TMBLK	9 Position, Receptacle, Cap w/ Wire Tether, Black
	AHDC169-TM	9 Position, Receptacle, Cap w/ Wire Tether, Grey