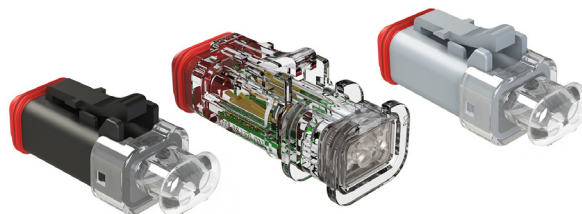




# AT Series™ LED



## 2 Pos, 13A LED Plug Connectors in 12V/24V

Amphenol Sine Systems' **AT Series™ LED (Light Emitting Diode) Plug Connectors**, available in a 12V and/or 24V LED plug option, are a highly-visible, field-serviceable, cost-effective solution for quick visual verification of power to help reduce troubleshooting time. Available in both Black or Grey body shells with clear endcap on our **AT Series™ LED** version, as well as Clear body shells with our **StructurePlus™ AT LED** version.

(The engineered, one-piece, solid body construction of our **StructurePlus™** overmold compatible connectors results in enhanced connection integrity that is an essential component for connecting cable in harsh environments, as well as custom molding and shrink tube options.)

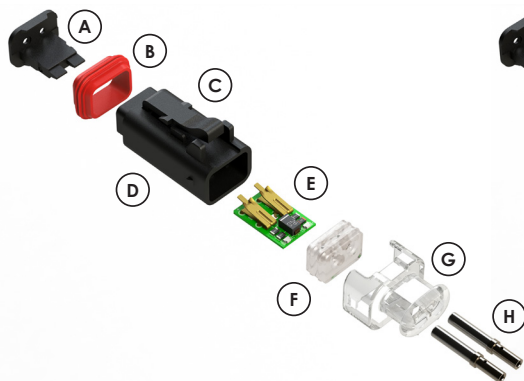


### Key Features

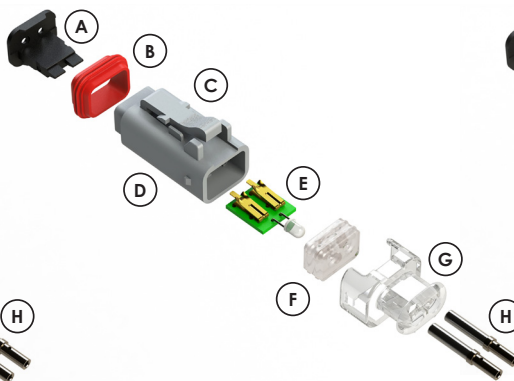
- Environmentally-sealed for harsh environments
- Front and Rear Seals (Standard and Reduced Diam. Avail.)
- Available with or without Reverse Voltage Protection Circuit
- AT-SR01™ Enhanced Strain Relief End Caps come factory assembled on the plug
- Accepts Solid or Stamped & Formed Size 16 AT Series™ contacts
- No additional assembly required other than insertion of chosen contacts

**Potential Applications:** Solenoids, Valves, Sensors, Manifolds, Coils, Diagnostics, Electronic Controls

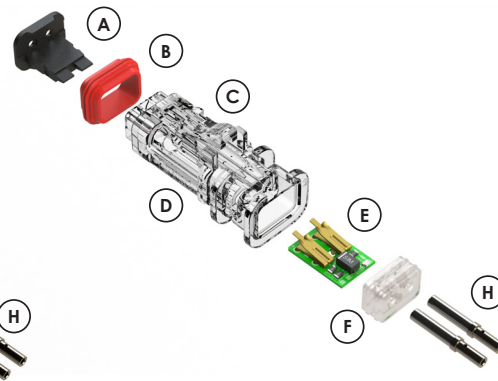
**AT Series™ LED**  
12V or 24V / Black Body



**AT Series LED™**  
12V / Grey Body



**StructurePlus™ AT LED Series**  
12V or 24V / Clear Body



<b>A</b>	AW2S-LED Wedgelock (Sold Separately)
<b>B</b>	Front Seal
<b>C</b>	Latching Clip
<b>D</b>	Black, Grey or Clear Options

<b>E</b>	Integral PCB Board/LED (12V/24V; White, Red, Green LED Options)
<b>F</b>	Rear Wire Seal (Standard or Reduced Diameter)
<b>G</b>	AT-SR01™ Enhanced Strain Relief End Cap (Clear)
<b>H</b>	Standard AT Series™ 13A/Size 16 Contacts (S&F or Solid Options)

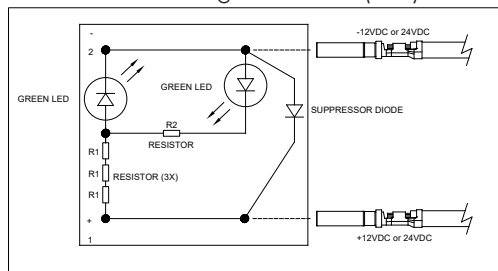


**A Series™ Family**

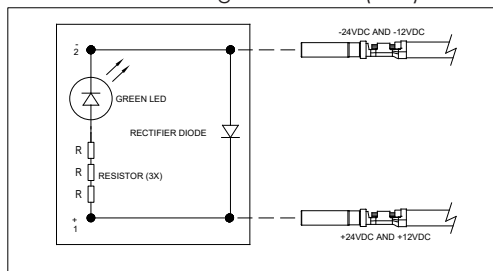


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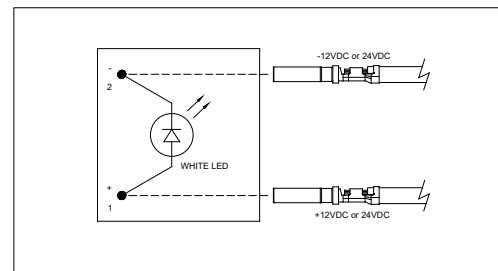
12V or 24V LED w Integrated Rectifier Diode and Reverse Voltage Protection (RVP) Circuit



12V and 24V LED w Integrated Rectifier Diode and Reverse Voltage Protection (RVP) Circuit



12V or 24V LED



AT Series™ Stamped &amp; Formed Contacts

Part Number	Description	Size	AWG	Type
AT62-14-0122	Female Contact, Socket, Nickel-plated	16	14-16	S&F
AT62-14-0144	Female Contact, Socket, Gold-plated	16	14-16	S&F
AT62-16-0122	Female Contact, Socket, Nickel-plated	16	16-18	S&F
AT62-16-0144	Female Contact, Socket, Gold-plated	16	16-18	S&F
AT62-16-0622	Female Contact, Socket, Nickel-plated	16	18-20	S&F
AT62-16-0644	Female Contact, Socket, Gold-plated	16	18-20	S&F
AT60-14-0122	Male Contact, Pin, Nickel-plated	16	14-16	S&F
AT60-14-0144	Male Contact, Pin, Gold-plated	16	14-16	S&F
AT60-16-0122	Male Contact, Pin, Nickel-plated	16	16-18	S&F
AT60-16-0144	Male Contact, Pin, Gold-plated	16	16-18	S&F
AT60-16-0622	Male Contact, Pin, Nickel-plated	16	18-20	S&F
AT60-16-0644	Male Contact, Pin, Gold-plated	16	18-20	S&F








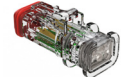

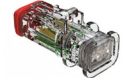


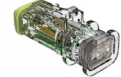
AT Series™ Solid Contacts

Part Number	Description	Size	AWG	Type
AT62-209-1631	Female Contact, Socket, Gold-plated	16	14	Solid
AT62-209-16141	Female Contact, Socket, Nickel-plated	16	14	Solid
AT62-201-1631	Female Contact, Socket, Gold-plated	16	16-20	Solid
AT62-201-16141	Female Contact, Socket, Nickel-plated	16	16-20	Solid
AT60-215-1631	Male Contact, Pin, Gold-plated	16	14	Solid
AT60-215-16141	Male Contact, Pin, Nickel-plated	16	14	Solid
AT60-202-1631	Male Contact, Pin, Gold-plated	16	16-20	Solid
AT60-202-16141	Male Contact, Pin, Nickel-plated	16	16-20	Solid



2 Position - AT Series™ LED Plugs and Wedgelocks

Image	Part Number	Description	Size	Amp
	AT06-2S-LED1201	2 Position, Plug, Socket, AT Series™ LED, 12V, Standard Diameter Rear Seal (Red), White LED, AT-SR01™ Clear End Cap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1202	2 Position, Plug, Socket, AT Series™ LED, 12V, Reduced Diameter Rear Seal (Green), White LED, AT-SR01™ Clear Endcap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1220	2 Position, Plug, Socket, AT Series™ LED, 12V, Standard Diameter Rear Seal (Red), Red LED, AT-SR01™ Clear Endcap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1224V	2 Position, Plug, Socket, AT Series™ LED, 12V or 24V, RVP Circuit, Standard Diameter Rear Seal (Red), Green LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1224VR	2 Position, Plug, Socket, AT Series™ LED, 12V or 24V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1230	2 Position, Plug, Socket, AT Series™ LED, 12V, Standard Diameter Rear Seal (Red), Green LED, AT-SR01™ Clear Endcap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED12V01	2 Position, Plug, Socket, AT Series™ LED, 12V, Standard Diameter Rear Seal (Red), RVP Circuit, Green LED, AT-SR01™ Clear Endcap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A





## 2 Position - AT Series™ LED Plugs and Wedgelocks, cont.

Image	Part Number	Description	Size	Amp
	AT06-2S-LED12VR1	2 Position, Plug, Socket, AT Series™ LED, 12V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, AT-SR01™ Clear Endcap, Grey Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED2401	2 Position, Plug, Socket, AT Series™ LED, 24V, Standard Diameter Rear Seal (Red), White LED, AT-SR01™ Clear End Cap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED2402	2 Position, Plug, Socket, AT Series™ LED, 24V, Reduced Diameter Rear Seal (Green), White LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED2420	2 Position, Plug, Socket, AT Series™ LED, 24V, Standard Diameter Rear Seal (Red), Red LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED2430	2 Position, Plug, Socket, AT Series™ LED, 24V, Standard Diameter Rear Seal (Red), Green LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED24V01	2 Position, Plug, Socket, AT Series™ LED, 24V, RVP Circuit, Standard Diameter Rear Seal (Red), Green LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED24VR1	2 Pos, Plug, Socket, AT Series™ LED, 24V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, AT-SR01™ Clear Endcap, Black Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED1224V-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 12V or 24V, RVP Circuit, Standard Diameter Rear Seal (Red), Green LED, Clear Body (AW2S-LED)	16	13A
	AT06-2S-LED1224VR-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 12V or 24V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, Clear Body (Requires Wedgelock AW2S-LED),	16	13A
	AT06-2S-LED12V01-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 12V, RVP Circuit, Standard Diameter Rear Seal (Red), Green LED, Clear Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED12VR1-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 12V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, Clear Body (Requires Wedgelock AW2S-LED),	16	13A
	AT06-2S-LED24V01-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 24V, RVP Circuit, Standard Diameter Rear Seal (Red), Green LED, Clear Body (Requires Wedgelock AW2S-LED)	16	13A
	AT06-2S-LED24VR1-OMC	2 Position, Plug, Socket, Structure Plus™ AT LED, 24V, RVP Circuit, Reduced Diameter Rear Seal (Green), Green LED, Clear Body, (Requires Wedgelock AW2S-LED),	16	13A

## 2 Position - AT Series™ LED Plugs and Wedgelocks, cont.

Image	Part Number	Description	Size	Amp
	AW2S-LED	2 Position, LED Wedgelock, Black	-	-
	50-80590	AT Series™ LED Contact Removal Tool	-	-

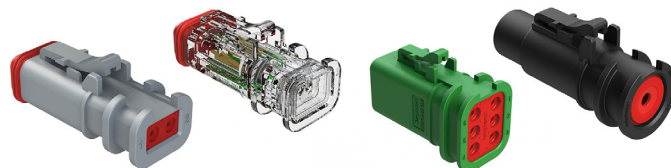
## 2 Position - AT Series™ LED Plug Kits

	AT06-2S-LED12K1	2 Position, Plug Kit, AT Series™ LED, 12V, Standard Diameter Rear Seal (Red), White LED, AT-SR01™ Clear Endcap, Grey Body, Contacts and Wedge included	16	13A
	AT06-2S-LED12K2	2 Position, Plug Kit, AT Series™ LED, 12V, Reduced Diameter Rear Seal (Green), White LED, AT-SR01™ Clear Endcap, Grey Body, Contacts and Wedge included	16	13A
	AT06-2S-LED24K1	2 Position, Plug Kit, AT Series™ LED, 24V, Standard Diameter Rear Seal (Red), White LED, AT-SR01™ Clear Endcap, Black Body Contacts and Wedge included.	16	13A
	AT06-2S-LED24K2	2 Position, Plug Kit, AT Series™ LED, 24V, Reduced Diameter Rear Seal (Green), White LED, AT-SR01™ Clear Endcap, Black Body, Contacts and Wedge included.	16	13A

## Related Items



## Overmold Compatible Connectors for AT, AT LED, ATHD and ATP Series™ Connectors


**Available in 1, 2, 3, 4, 6, 8 and 12 position**

Amphenol Sine Systems' **StructurePlus™ Family** of overmold compatible connectors are an **engineered, one-piece, solid body construction and are specifically designed for cable assembly operations requiring custom molding or shrink tube requirements**. The added connector structure results in enhanced connection integrity that is an essential component for connecting cable in harsh environments.

**Potential Applications:** Heavy Duty, Transportation, Marine, Diagnostic, Military, Alternative Energy, Agricultural as well as other demanding interconnect applications

**For more information, contact:** Customer Service, +1 800 394 7732, [csr@amphenol-sine.com](mailto:csr@amphenol-sine.com)

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