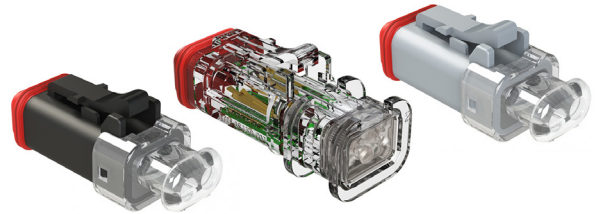




AT Series™ LED



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.)

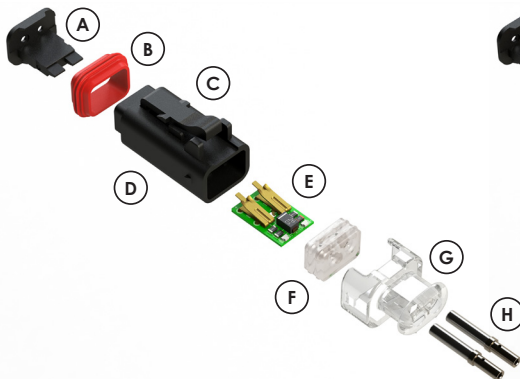


Key Features

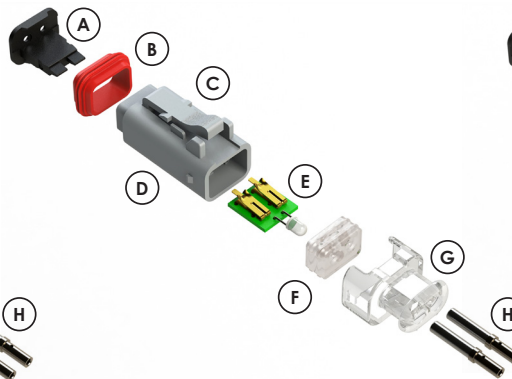
- Environmentally-sealed for harsh environments
- Front and Rear Seals (Standard and Reduced Diam. Avail.)
- Available with or without Reverse Voltage Protection Circuit
- AT-SR01™ Enhanced Strain Relief End Caps come factory assembled on the plug
- Accepts Solid or Stamped & Formed Size 16 AT Series™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

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

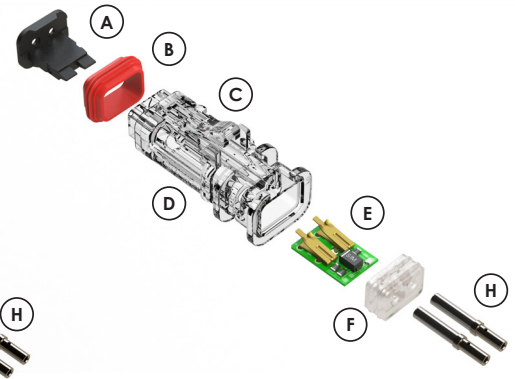
AT Series™ LED
12V or 24V / Black Body



AT Series LED™
12V / Grey Body



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



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

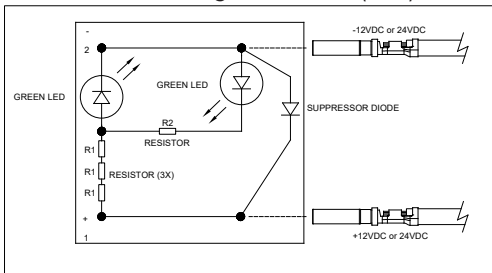
E	Integral PCB Board/LED (12V/24V; White, Red, Green LED Options)
F	Rear Wire Seal (Standard or Reduced Diameter)
G	AT-SR01™ Enhanced Strain Relief End Cap (Clear)
H	Standard AT Series™ 13A/Size 16 Contacts (S&F or Solid Options)

A Series™ Family

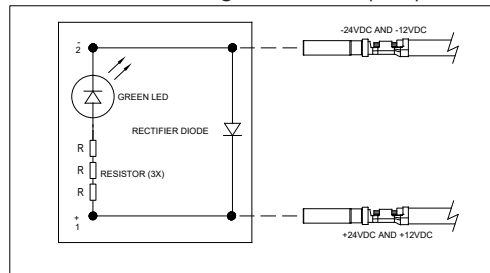


Standard products. Custom solutions

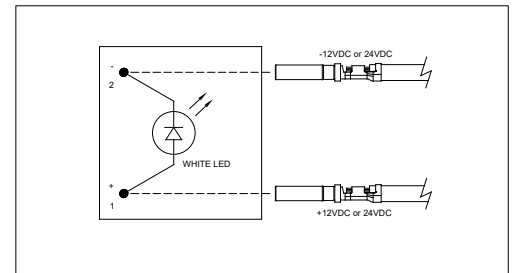
12V or 24V LED w Integrated Rectifier Diode and Reverse Voltage Protection (RVP) Circuit



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



12V or 24V LED



AT Series™ Stamped & 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








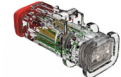

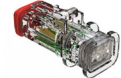


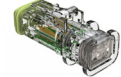
AT Series™ Solid Contacts

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	-	-

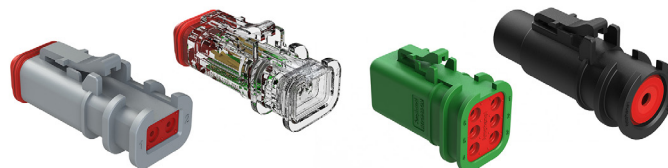
2 Position - AT Series™ LED Plug Kits

	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 info, contact Amphenol Australia, 22 Industry Way, Carrum Downs, VIC 3201 www.amphenol.com.au, or Customer Service at 03 8796 8888.

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