

## Amp Champ™ LED Tape Light & Wire Connector



The compact, capable, safe, and versatile Amp Champ LED tape light and wire connector provides secure connections between LED tape light sections, between tape light and wire, or between pairs of wire leads. Amp Champ fits easily into many aluminum channels with diffusers. Pre-installed 3M VHB tape provides an excellent strain relief.



Each Amp Champ includes two spade connectors for use with stranded wire.

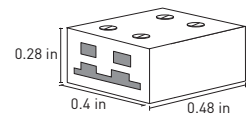
Screwdriver included.

### Models

Add "-5" or "-10" to the end of the Item # for a 5 pack or 10 pack

Item #	Compatible Tape Light	Dimensions (W x L x H)
AL-01-01-9900	PrimaLine 1.5	0.4 x 0.48 x 0.28 in.
AL-01-02-9900	PrimaLine 3	0.4 x 0.48 x 0.28 in.
AL-01-51-9900	PrimaLine 3 SE	0.4 x 0.48 x 0.28 in.
AL-01-04-9900	PrimaLine 1.5 XT	0.56 x 0.48 x 0.28 in.
AL-01-05-9900	PrimaLine 3 XT	0.56 x 0.48 x 0.28 in.
AL-01-15-9900	PrimaLine 4.4 Gen 2	0.48 x 0.48 x 0.28 in.
AL-01-16-9900	PrimaLine 4.4 XT Gen 2	0.48 x 0.48 x 0.28 in.

<b>Voltage</b>	12-24V DC
<b>Max. Current</b>	8A*
<b>Mounting</b>	3M™ VHB tape (pre-installed)
<b>Max. Wire Gauge</b>	16 AWG
<b>Compatible Wire</b>	solid core, tinned, stranded**



AL-01-01-9900 shown actual size

\*For Class 2 compliance, circuits are limited to 5A (12V) and 4A (24V).

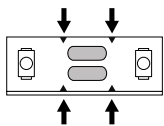
\*\*Each connector includes two spade connectors for use with stranded wire.

### Instructions

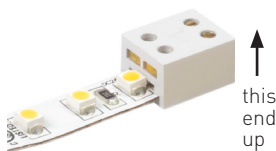
NOTE: check polarity of the tape light and/or wires: (+) and (-) symbols on the tape should match Positive (red) and Negative (black) wires.

NOTE: Ensure all components are installed in accordance with the current National Electric Code (NEC), and UL safety standards.

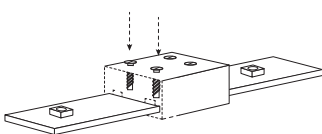
#### Connecting Tape Light



Cut at the arrow closest to the connector to leave the solder pads intact.



Insert the tape light into the connector so that the solder pads are seated under the screws.

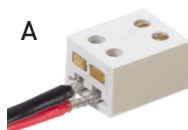


Using the included screwdriver, tighten the screws securely.

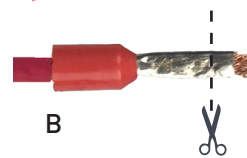


**WARNING: DO NOT OVERTIGHTEN.**  
Overtightening can crack the connector.

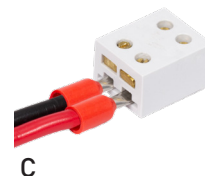
#### Connecting Wire



If wire is solid core or tinned, insert the wires into the connector (image A).



If using stranded wire, insert the wire into the spade connectors and crimp the metal portion with pliers. Trim each spade connector end 1/8 in. to remove protruding strands (image B).



Then insert the spade connectors into the Amp Champ. (image C)

Using the included screwdriver, tighten the screws securely.



**WARNING: DO NOT OVERTIGHTEN.**  
Overtightening can crack the connector.