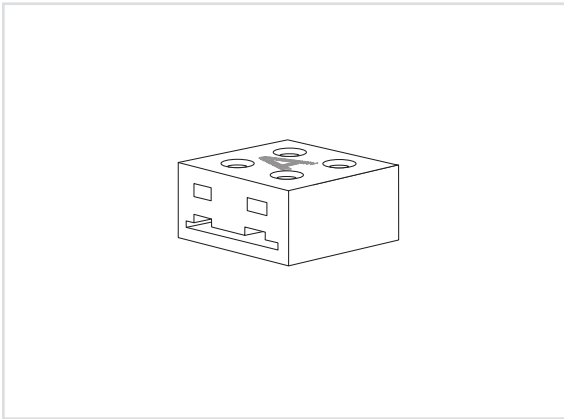


AmpChamp™ RazorLine Wire to Tape Light Connector



The compact, capable, safe, and versatile AmpChamp 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. AmpChamp fits easily into many aluminum channels with diffusers. Pre-installed 3M VHB tape provides an excellent strain relief.



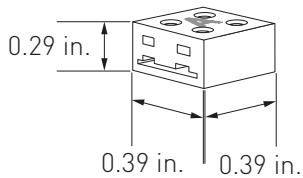
Each connector includes a mounting clip, a mini screwdriver, and one pre-installed piece of six-inch CL2 wire with tinned leads at each end.

TECHNICAL INFORMATION

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

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

Note: Pre-installed 3M VHB tape adds approximately 0.04 in. in height. 3M VHB tapes can be removed if tape light does not fit into channel.



AL-01-33-9900
AL-01-40-9900

PRODUCT INFORMATION

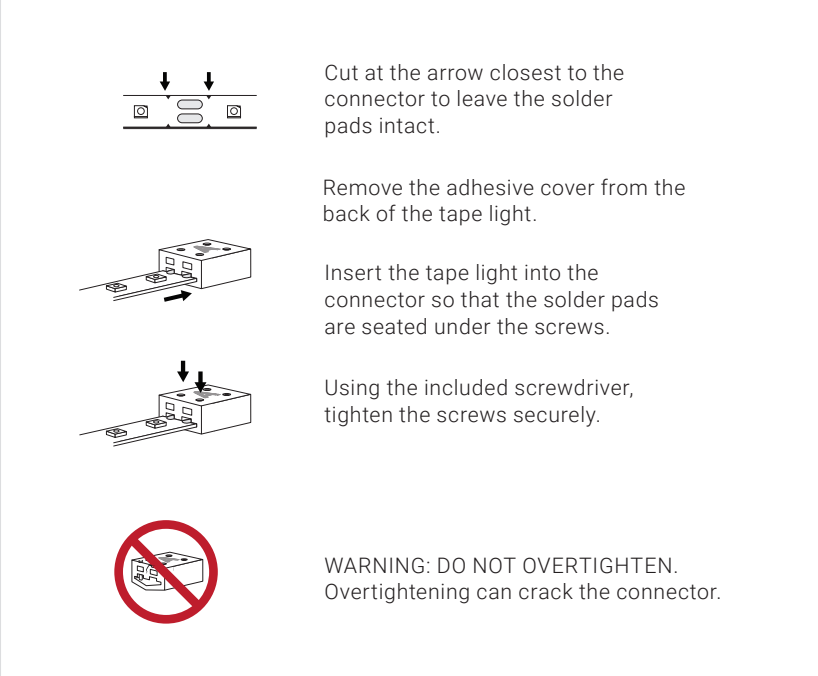
Add "-10" to the end of the item number for a 10-pack
Add "-100" to the end of the item number for a 100-pack

Item Number	Compatible Tape Light	Dimensions (W x L x H)
AL-01-33-9900	RazorLine 3.7	0.39 x 0.39 x 0.29 in.
AL-01-40-9900	RazorLine Neon 300	0.39 x 0.39 x 0.29 in.

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 Standard Tape Light



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

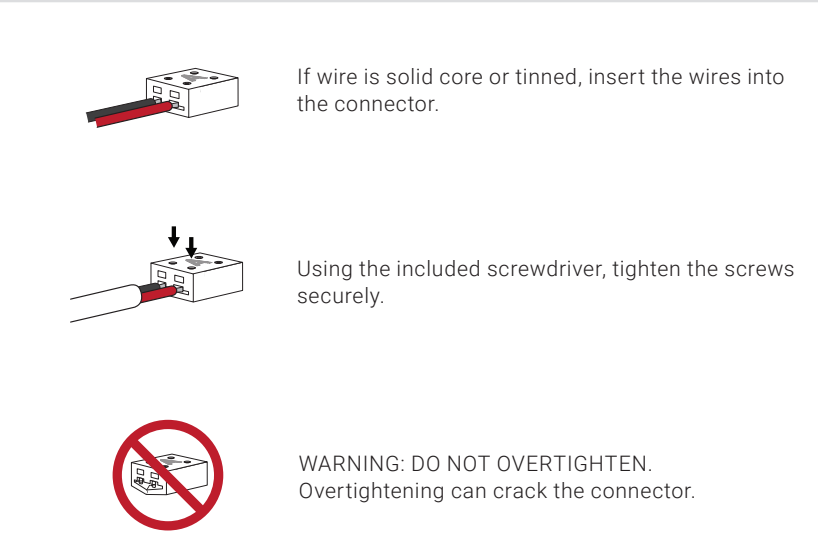
Remove the adhesive cover from the back of the tape light.

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



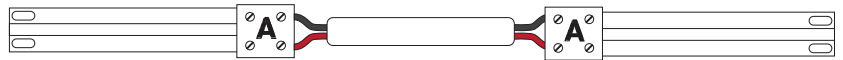
If wire is solid core or tinned, insert the wires into the connector.

Using the included screwdriver, tighten the screws securely.

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

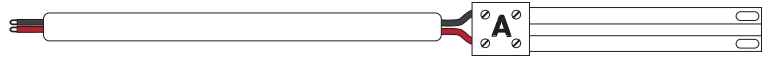
CONFIGURATIONS

Tape to Hard-Wired Power Connection

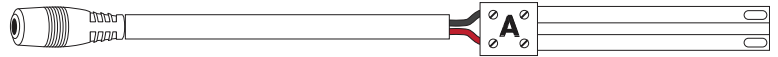


Flexible Jumper Connection

*Two AmpChamps Required



Tape to DC Plug Connection



AMPCHAMP & CHANNEL COMPATIBILITY

	Polymer Low-Profile Surface Mount	Surfa 1	Surfa 2	Surfa 2X	Surfa 3	Surfa 6	Surfa 7	Suspan® 1	Ankr® 1	Ankr® 2	Ankr® 3	Ankr® 4	Naro® 4	Duro 1	Duro 2	Mudr 1	Mudr 2
RazorLine 3.7	Y		Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
RazorLine Neon 300	Y		Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Note: 3M VHB tape under AmpChamp is removable. Data from the chart is measured without the tape.