



## General Information

<b>Kit Part Number:</b>	<a href="#">1-2110838-1</a>
<b>Description:</b>	Parallel, Strap, Standard, and Sight Hole Butt Splices Kit
<b>Application:</b>	Heavy Equipment, Instrumentation and Controls, Motors, Pad and Pole Mount Transformers, Panel Boxes, Power Supplies, Switchgear, Telecommunications, Transportation
<b>Family:</b>	SOLISTRAND
<b>Acce:</b>	
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	MRO (Maintenance, Repair and Operation)
<b>Product Type:</b>	Terminals & Splices
<b>Number of Pieces:</b>	120
<b>RoHS:</b>	Yes

## Specifications

<b>Body and Plating:</b>	Tin Plated, Copper Body
<b>Insulation:</b>	Non-Insulated
<b>Stud/Tab Size:</b>	No Tab
<b>Temperature Rating:</b>	170 Degrees C (Max)
<b>Terminal Type:</b>	Butt Splice
<b>Tool Included:</b>	No
<b>Wire Gauge (AWG):</b>	12-10, 16-14 , 22-16, 24-20, 26-22

## Product Highlights

SOLISTRAND terminals and splices are especially designed to terminate solid and stranded wire, irregular shaped conductors, and combinations of these, while still retaining the superior performance characteristics of single purpose terminals and splices. Because TE Connectivity matches the terminal to the tool, each termination is uniformly perfect making quality control easy and performance consistent. Corrosion resistance, vibration resistance and tensile strength of these terminals and splices are well within the limits of commercial and military specifications. The SOLISTRAND line includes terminals, parallel and butt splices, flat rings, spades, hooks, and flanged tongue terminals in sizes from 26 AWG [0.1mm<sup>2</sup>] through 600 MCM [304mm<sup>2</sup>].

### Features and Benefits

- Brazed seam for uniform metal strength around the entire barrel area
- Brazed seam also prevents pinched wires
- "W" crimp provides excellent electrical performance and higher tensile strength
- Dimples or serrations inside the wire barrel provide optimum tensile strength and maximum electrical contact area after crimping
- Bell mouth on barrel entrance makes insertion of wires easier
- Product is rated for 170 degrees C maximum

### Applications

- Pad and Pole Mount Transformers
- Power Supplies
- Motors
- Switchgear
- Telecommunications
- Appliances
- Panel Boxes



- Heavy Equipment
- Instruments / Control
- Transportation



**Bill of Materials**

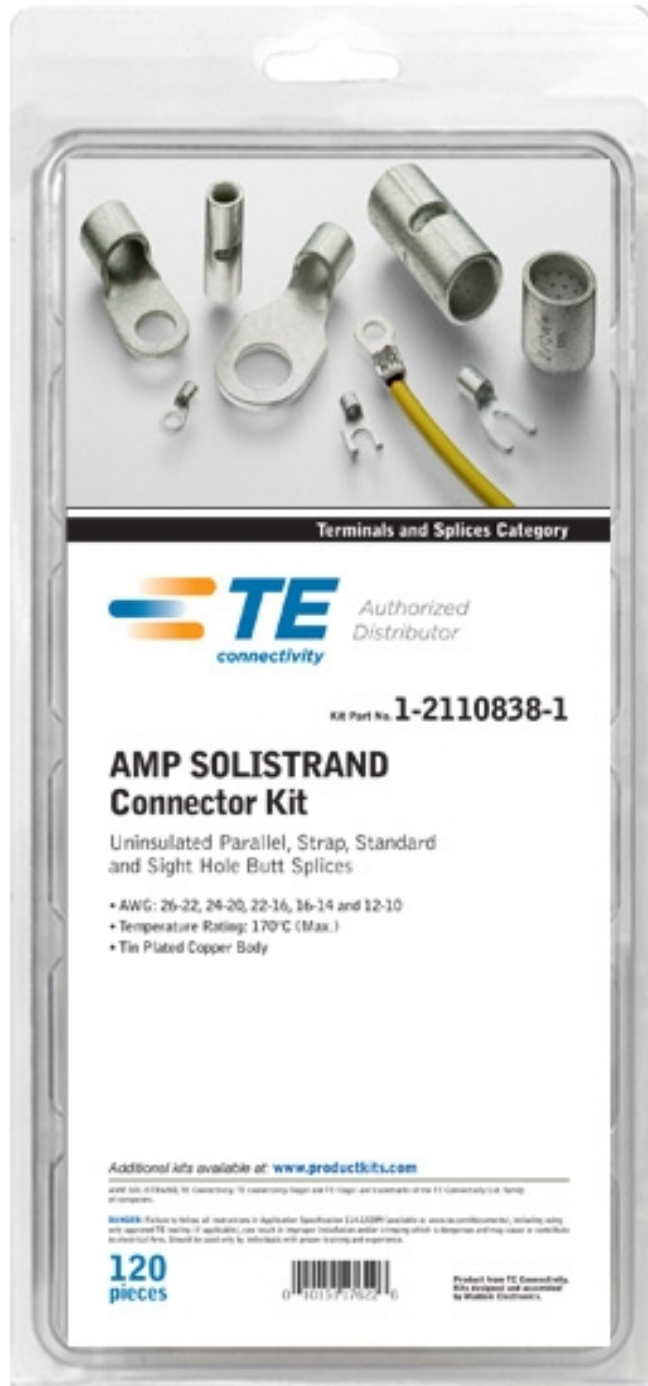
Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">32151</a>	10	SOLISTRAND Butt Splice 12-10 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34130</a>	10	Parallel Splices AWG 22-16	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">31819</a>	10	SOLISTRAND Butt Splice 16-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">31818</a>	10	SOLISTRAND Butt Splice 22-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">321198</a>	10	SOLISTRAND Butt Splice 26-22 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34137</a>	10	Parallel Splices AWG 16-14	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34138</a>	10	Parallel Splices AWG 12-10	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">324001</a>	10	Strap Splices AWG 24-20	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">324893</a>	10	Strap Splices AWG 12-10	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">330367</a>	10	Sight Hole Splice 22-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">330368</a>	10	Sight Hole Splice 16-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">330369</a>	10	Sight Hole Splice 12-10 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">58546-1</a>	No







Terminals and Splices Category



Kit Part No. **1-2110838-1**

### AMP SOLISTRAND Connector Kit

Uninsulated Parallel, Strap, Standard and Sight Hole Butt Splices

- AWG: 26-22, 24-20, 22-16, 16-14 and 12-10
- Temperature Rating: 170°C (Max.)
- Tin Plated Copper Body

Additional kits available at: [www.productkits.com](http://www.productkits.com)

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**WARNING:** Failure to follow all instructions in Application Specification 124-1220P (available at [www.te.com/documents](http://www.te.com/documents)), including using only approved TE tooling if applicable, can result in improper installation and/or crimping which is dangerous and may cause a catastrophic failure. Should be used only by individuals with proper training and experience.

**120**  
pieces



Product from TE Connectivity, kits designed and assembled by Waldom Electronics.

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