



## General Information

<b>Kit Part Number:</b>	<a href="#">6-2110838-1</a>
<b>Description:</b>	Pre-Insulated Long and Short Spring Spade Tongue Terminals Kit
<b>Application:</b>	HVAC Systems, Instrumentation and Controls, Lighting Applications, Motors, Panel Boxes, Power Supplies, Switchgear, Transportation
<b>Family:</b>	PLASTI-GRIP
<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, Phosphor Bronze and Brass
<b>Insulation:</b>	Vinyl
<b>Stud/Tab Size:</b>	8
<b>Temperature Rating:</b>	90 Degrees C (Max)
<b>Terminal Type:</b>	Short Spring Spade Tongue, Long Spring Spade Tongue
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	12-10, 16-14 , 22-16

## Product Highlights

Pre-insulated PLASTI-GRIP solderless terminals and splices are designed specifically to answer the need for inexpensive, insulated electrical terminations. They can be used in almost every type of commercial application and accommodate wire sizes from 22 AWG through 2/0 AWG. Carefully engineered application tooling has been developed to ensure uniformly high quality terminations. Tool and terminal have been designed as a team to promote ease and speed of application and at the same time to provide precise crimping pressure for every wire size. The wire and the terminal barrel form a homogeneous mass of metal, providing a connection of maximum conductivity, tensile strength, and high resistance to corrosion. The quality performance, the facility of installation and the inherent simplicity make them ideal for many industrial applications. PLASTI-GRIP products are available as rings, spades, flanged spaded, slotted rings, splices and several other varieties. Wire ranges for the terminals and splices are 22 AWG through 2/0 and stud sizes from #2 through 3/8".

### Features and Benefits

- Vinyl insulation sleeve provides good dielectric strength and supports the wire insulation so that no bare wire is exposed
- Most product rated to 90 degrees C, with an operating voltage of 600 V
- Insulation is 94V-0 rated
- Funneled wire entry on terminal prevents turned back wire strands and permits rapid wire insertion during high speed production
- Serrations in the crimp barrel provide maximum contact and tensile strength after crimping

### Applications

- HVAC
- Instruments / Controls
- Lighting
- Switchgear
- Power Supplies
- Panel Boxes



- Transportation
- Motors



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">52454</a>	20	Long Spring Spade Tongue Terminals, AWG 22-16 Stud size 8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">52962</a>	20	Short Spring Spade Tongue Terminals, AWG 12-10 Stud size 8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">53241-1</a>	20	Short Spring Spade Tongue Terminals, AWG 22-16 Stud size 8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">52464</a>	20	Long Spring Spade Tongue Terminals, AWG 16-14 Stud 8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">52956</a>	20	Short Spring Spade AWG 16-14, Stud 8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">52474</a>	20	Long Spring Spade Tongue Terminals, AWG 12-10 Stud 8		<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">58433-3</a>	No







Terminals and Splices Category



Kit Part No. **6-2110838-1**

## AMP PLASTI-GRIP Connector Kit

Pre-Insulated Long and Short Spring Spade  
Tongue Terminals

- #8 Stud Size
- AWG: 22-16, 16-14 and 12-10
- 600 Volts AC (Max.)
- Temperature Rating: 90°C (Max.)
- Vinyl Insulated Sleeve
- Tin Plated Phosphor Bronze-Brass Body

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

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**Warning:** Failure to follow all instructions in Application Specifications (10-200) (available at [www.teconnectivity.com](http://www.teconnectivity.com)), including using only approved TE tooling if applicable, can result in improper installation and/or wiring which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

**120**  
pieces



Product from TE Connectivity.  
Kits designed and assembled  
by Waldom Electronics.