



### General Information

<b>Kit Part Number:</b>	<a href="#">2-2110838-5</a>
<b>Description:</b>	Deluxe Pre-Insulated Ring Tongue Terminals with Crimp Tool 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>None:</b>	With Tool
<b>Solution:</b>	MRO (Maintenance, Repair and Operation)
<b>Product Type:</b>	Terminals & Splices
<b>Number of Pieces:</b>	241
<b>RoHS:</b>	Yes

### Specifications

<b>Body and Plating:</b>	Tin Plated, Copper Body
<b>Insulation:</b>	Vinyl
<b>Stud/Tab Size:</b>	1/4", 1/2", 2, 3/8", 4, 5/16", 6, 8, 10
<b>Temperature Rating:</b>	90 Degrees C (Max)
<b>Terminal Type:</b>	Ring Tongue
<b>Tool Included:</b>	Yes
<b>Voltage Rating:</b>	600 Volts AC (Max.)
<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="#">34140</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 2		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34141</a>	10	Ring Tongue Terminal # 4 Stud 22-16 AWG		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34144</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 6		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34145</a>	10	Ring Tongue Terminal # 8 Stud 22-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34149</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 10		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34150</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 1/4		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34157</a>	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 4		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34158</a>	10	Ring Tongue Terminal # 6 Stud 16-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34160</a>	10	Ring Tongue Terminal # 8 Stud 16-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34161</a>	10	Ring Tongue Terminal # 10 Stud 16-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34162</a>	10	Ring Tongue Terminal 1/4 Stud 16-14 AWG		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34164</a>	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 3/8		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34835</a>	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 4		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34854</a>	10	Ring Tongue Terminal # 10 Stud 12-10 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34855</a>	10	Ring Tongue Terminal 1/4 Stud 12-10 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34852</a>	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 6		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34853</a>	10	Ring Tongue Terminal # 8 Stud 12-10 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34173</a>	10	Ring Tongue Terminal 3/8 Stud 12-10 AWG		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">58433-3</a>	1	Pro Crimper RBY Tool (Red, Blue, Yellow)	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34151</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 5/16	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34152</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 3/8	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">32951</a>	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 8	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34837</a>	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 1/2	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34856</a>	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 5/16	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">34163</a>	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 5/16	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

**Part No.**


**Included in Kit**



<a href="#">58433-3</a>	Yes
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**Terminals and Splices Category**

Kit Part No. **2-2110838-5**


  

**BILL OF MATERIALS**

To re-order this kit, please visit [www.products.tti.com/kit/2-2110838-5](http://www.products.tti.com/kit/2-2110838-5)

TE Part No.	Qty.	Bin Location	Description	TE Part No.	Qty.	Bin Location	Description
34137	30	1	PLASTI-GREP Ring Terminal, AWG 16-24, Steel 4	34190	30	23	PLASTI-GREP Ring Terminal, AWG 16-14, Steel 8
34140	30	2	PLASTI-GREP Ring Terminal, AWG 22-35, Steel 2	34403-9	1	24	Grip Tool
34141	30	3	PLASTI-GREP Ring Terminal, AWG 22-34, Steel 4	34553	30	25	PLASTI-GREP Ring Terminal, AWG 16-14, Steel 5/16
34148	30	4	PLASTI-GREP Ring Terminal, AWG 22-16, Steel 6				
34149	30	5	PLASTI-GREP Ring Terminal, AWG 22-16, Steel 8				
34151	30	6	PLASTI-GREP Ring Terminal, AWG 22-14, Steel 3/16				
34149	30	7	PLASTI-GREP Ring Terminal, AWG 22-16, Steel 3/8				
34158	10	8	PLASTI-GREP Ring Terminal, AWG 22-14, Steel 3/8				
34202	10	9	PLASTI-GREP Ring Terminal, AWG 22-16, Steel 3/8				
32953	10	30	PLASTI-GREP Ring Terminal, AWG 22-16, Steel 8				
34361	18	31	PLASTI-GREP Ring Terminal, AWG 30-14, Steel 10				
34362	18	32	PLASTI-GREP Ring Terminal, AWG 30-14, Steel 1/4				
34359	18	13	PLASTI-GREP Ring Terminal, AWG 30-14, Steel 6				
34436	30	14	PLASTI-GREP Ring Terminal, AWG 12-30, Steel 4				
34452	30	15	PLASTI-GREP Ring Terminal, AWG 12-30, Steel 6				
34495	30	16	PLASTI-GREP Ring Terminal, AWG 12-30, Steel 8				
34654	30	17	PLASTI-GREP Ring Terminal, AWG 12-30, Steel 10				
34937	30	18	PLASTI-GREP Ring Terminal, AWG 12-40, Steel 1/2				
34888	30	19	PLASTI-GREP Ring Terminal, AWG 12-10, Steel 1/4				
34375	30	20	PLASTI-GREP Ring Terminal, AWG 12-18, Steel 3/8				
34836	30	21	PLASTI-GREP Ring Terminal, AWG 12-18, Steel 5/16				
34344	10	22	PLASTI-GREP Ring Terminal, AWG 16-14, Steel 5/8				

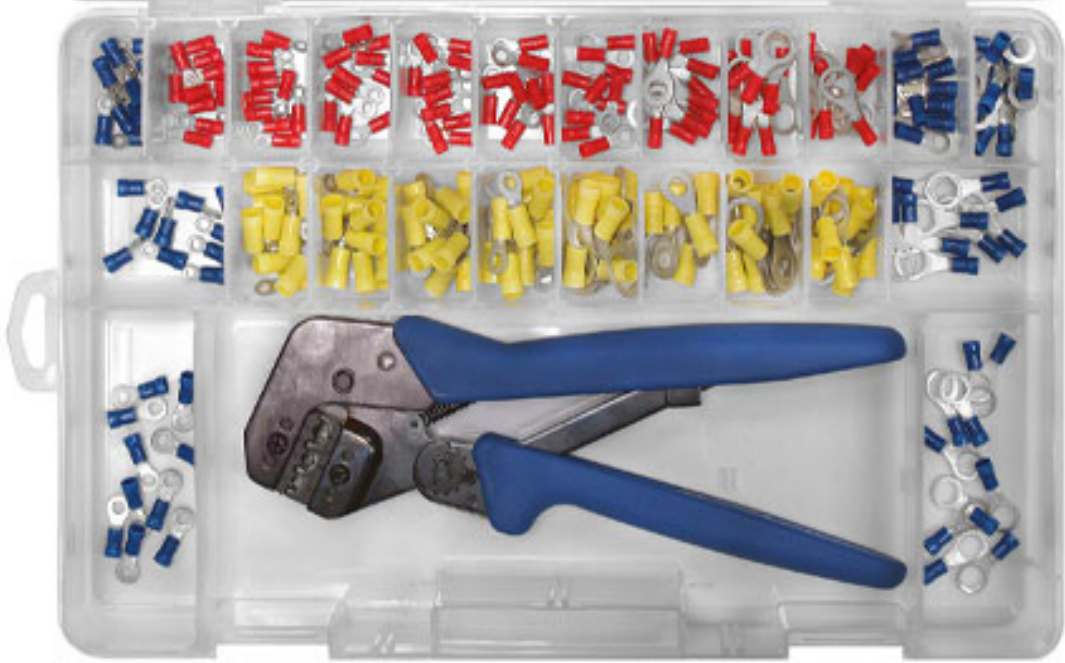
  



**Bin Diagram**  
This edge to hinge

Additional kits available at [www.products.tti.com](http://www.products.tti.com) or contact a TTI Connectivity authorized distributor

Availability 9/08/09 Enclosure 1/06/10 USA





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