



General Information

Kit Part Number:	3-2110838-1
Description:	Pre-Insulated Ring Tongue Terminals Kit
Application:	Aerospace/Defense Equipment and Systems, Appliance Industries, Electrical/Electronic Components, Heavy Equipment, HVAC Systems, Industrial, Instrumentation and Controls, Power Supplies
Family:	PIDG
TE Brand:	AMP Products
Solution:	MRO (Maintenance, Repair and Operation)
Product Type:	Terminals & Splices
Number of Pieces:	120
RoHS:	Yes

Specifications

Body and Plating:	Tin Plated, Copper Body
Insulation:	Nylon
Stud/Tab Size:	1/4, 3/8, 4, 6, 8, 10
Temperature Rating:	105 Degrees C (Max)
Terminal Type:	Ring Tongue
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	12-10, 16-14 , 22-16

Product Highlights

PIDG products are a pre-insulated terminal designed for complete and uniform reliability in the most difficult circuit environments. PIDG terminals consist of tin plated copper or tin plated phosphor bronze body for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel. Design of the crimping dies and construction of the terminal allows for uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the center of the crimp area. This produces a crimp for a given wire and terminal that are alike in appearance and performance. The tensile strength approaches that of the wire itself. PIDG products are available as rings, spades, flanged spaded, slotted rings, splices and several other varieties. Wire ranges for the terminals and splices are 26 AWG through 10 AWG and stud sizes from #2 through 3/4".

Features and Benefits

- Nylon insulation is resistant to hydrocarbons (greases, oils, etc.) and has high dielectric strength
- Copper sleeve between insulation and terminal body provides excellent wire support after crimping
- Funneled wire entry on terminal prevents turned back wire strands and permits rapid wire insertion during high speed production
- Product is rated for use up to 105 degrees C and 300 Volts
- Serrations in the crimp barrel provide maximum contact and tensile strength after crimping
- Insulation is UL 94V-2 rated

Applications

- Electrical/Electronic Components
- Industrial
- Aerospace
- Instrumentation
- HVAC
- Appliances
- Heavy Equipment



- Power Supplies



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
31880	10	Ring Tongue Terminal # 4 Stud 22-16 AWG	Datasheet	Details	Search
36150	10	Ring Tongue Terminal # 6 Stud 22-16 AWG	Datasheet	Details	Search
31886	10	Ring Tongue Terminal # 8 Stud 22-16 AWG		Details	Search
31887	10	Ring Tongue Terminal # 10 Stud 22-16 AWG		Details	Search
320619	10	Ring Tongue Terminal # 6 Stud 16-14 AWG	Datasheet	Details	Search
320565	10	Ring Tongue Terminal # 8 Stud 16-14 AWG	Datasheet	Details	Search
36160	10	Ring Tongue Terminal # 10 Stud 16-14 AWG	Datasheet	Details	Search
321045	10	Ring Tongue Terminal 1/4 Stud 16-14 AWG		Details	Search
35108	10	Ring Tongue Terminal # 8 Stud 12-10 AWG	Datasheet	Details	Search
35109	10	Ring Tongue Terminal # 10 Stud 12-10 AWG	Datasheet	Details	Search
35110	10	Ring Tongue Terminal 1/4 Stud 12-10 AWG	Datasheet	Details	Search
35112	10	Ring Tongue Terminal 3/8 Stud 12-10 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No







Terminals and Splices Category



Kit Part No. **3-2110838-1**

**AMP PIDG
Connector Kit**

Pre-Insulated Ring Tongue Terminals

- 4, 6, 8, 10, 14 and 30 Stud Sizes
- 22-16, 16-14 and 12-10 AWG
- 300 Volts
- Temperature Rating: 105°C (Max)
- Nylon Insulated Sleeve
- Tin Plated Copper Body

Additional kits available at: www.products.kits.com

AMP PIDG™ Connector Kit, part number 3-2110838-1, is a registered trademark of TE Connectivity AMP Connectors, a TE Connectivity Ltd. brand in Canada.

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**120
pieces**



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