



General Information

Kit Part Number:	4-2110838-5
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:	300 Volts AC (Max.)
Wire Gauge (AWG):	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	20	Ring Tongue Terminal # 4 Stud 22-16 AWG	Datasheet	Details	Search
323008	20	Ring Tongue Terminal, AWG 22-16 Stud 6		Details	Search
32835	20	Ring Tongue Terminal, AWG 22-16 Stud 8		Details	Search
32837	20	Ring Tongue Terminal, AWG 22-16 Stud 10		Details	Search
31894	20	Ring Tongue Terminal, AWG 22-16 Stud 1/4	Datasheet	Details	Search
321522	20	Ring Tongue Terminal, AWG 22-16 Stud 3/8		Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No







Terminals and Splices Category



Kit Part No. **4-2110838-5**

AMP PIDG Connector Kit

Pre-Insulated Ring Tongue Terminals

- #4, 6, 8, 10, 1/4 and 3/8 Stud Size
- AWG: 22-16
- 300 Volts AC (Max.)
- Temperature Rating: 105°C (Max.)
- Nylon Insulated Sleeve
- Tin Plated Copper Body

Additional kits available at: www.productkits.com

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WARNING: Failure to follow all instructions in Application Specifications (14-2537) available at www.te.com/resources, including using only approved 90 degree crimping tool, could cause improper installation and/or crimping which is dangerous and may cause a fire or electrical shock hazard. Should be used only by individuals with proper training and experience.

120
pieces



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