



General Information

Kit Part Number:	3-2110838-9
Description:	Pre-Insulated Spade 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:	No

Specifications

Body and Plating:	Tin Plated, Copper Body
Insulation:	Nylon
Product/Type:	Connector
Stud/Tab Size:	2, 4, 6, 8, 10
Temperature Rating:	105 Degrees C (Max)
Terminal Type:	Spade Tongue
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	12-10, 16-14 , 22-16, 26-22

Product Highlights

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
321035	10	Spade Tongue Terminal, AWG 26-22 Stud 4		Details	Search
328394	10	Spade Tongue Terminal, AWG 22-16 Stud 2		Details	Search
327717	10	Spade Tongue Terminal, AWG 22-16 Stud 4		Details	Search
32404	10	Spade Tongue Terminal, AWG 22-16 Stud 6		Details	Search
32053	10	Spade Tongue Terminal, AWG 22-16 Stud 8		Details	Search
32054	10	Spade Tongue Terminal, AWG 22-16 Stud 10		Details	Search
35559	10	Spade Tongue Terminal, AWG 16-14 Stud 6		Details	Search
325199	10	Spade Tongue Terminal, AWG 16-14 Stud 8		Details	Search
32060	10	Spade Tongue Terminal, AWG 16-14 Stud 10		Details	Search
326859	10	Spade Tongue Terminal, AWG 12-10 Stud 6		Details	Search
325197	10	Spade Tongue Terminal, AWG 12-10 Stud 8		Details	Search
32589	10	Spade Tongue Terminal, AWG 12-10 Stud 10		Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No
3-1579000-0	No
3-1579016-1	No







Terminals and Splices Category



Kit Part No. **3-2110838-9**

AMP PIDG Connector Kit

Pre-Insulated Spade Tongue Terminals

- 2, 4, 6, 8 and 10 Stud Sizes
- 26-22, 22-16, 16-14 and 12-10 AWG
- 300 Volts AC (Max.)
- Temperature Rating: 105°C (Max.)
- Nylon Insulated Sleeve
- Tin Plated Copper Body

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

AMP PIDG™ Connector Kit is a registered trademark of TE Connectivity Ltd. © 2011 TE Connectivity Ltd. All rights reserved.

AMP PIDG™ Connector Kit is a registered trademark of TE Connectivity Ltd. © 2011 TE Connectivity Ltd. All rights reserved. This document is for informational purposes only and does not constitute an offer of any product or service. The information contained herein is subject to change without notice. Please refer to the product data sheet for the most current information.

120
pieces



Product of TE Connectivity
© 2011 TE Connectivity
by Waldom Electronics