General Information	
Kit Part Number:	5-2110838-1
Description:	Pre-Insulated Butt Splices Kit
Application:	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:	60
RoHS:	Yes

Specifications	
Body and Plating:	Tin Plated, Copper Body
Insulation:	Nylon
Stud/Tab Size:	No Stud
Temperature Rating:	105 Degrees C (Max)
Terminal Type:	Butt Splice
Tool Included:	No
Voltage Rating:	300 Volts AC (Max.)
Wire Gauge (AWG):	12-10, 16-14 , 22-16, 24-20, 26-24, 26-22

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 ¾".

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
323994	10	PIDG Butt Splice 26-22 AWG	Datasheet	Details	Search
320559	10	PIDG Butt Splice 22-16 AWG	Datasheet	Details	Search
320562	10	PIDG Butt Splice 16-14 AWG		Details	Search
320570	10	PIDG Butt Splice 12-10 AWG	Datasheet	Details	Search
2-323994-2	10	Butt Splices, 26-22 AWG		Details	Search
323975	10	Butt Splices, 24-20 AWG	Datasheet	Details	Search

Recommended Tool

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


Bill of Materials
Terminals and Splices Company
Bin Diagram


Terminals and Splices Category
TE connectivity
Authorized Distributor
Kit Part No. 5-2110838-1
AMP PIDG
Connector Kit
Pre-Insulated Butt Splices
• AWG: 26-24, 26-22, 24-20, 22-16, 16-14 and 12-10
• 300 Volts AC (Max.)
• Temperature Rating: 105°C (Max.)
• Nylon Insulated Sleeve
• Tin Plated Copper Body
Additional kits available at: www.productkits.com
60
pieces