



General Information

Kit Part Number: [2110853-1](#)

Description: Standard Insulated Nylon and Uninsulated Power Tap, Insulated Nylon PIDG and Non-Insulated SOLISTRAND Ring Tongue Terminals Kit

Application: Industrial

Family: PIDG, Power Taps, SOLISTRAND

TE Brand: AMP Products

Solution: Power Connectors

Product Type: Wire-to-Board Connectors

Number of Pieces: 25

RoHS: Yes

Specifications

Circuit Size(s): 6 Tail, 10 Tail

Current Rating: 15A, 20A, 25A

Flammability Rating: UL94V-0

Insulation: Nylon Fully Insulated, Non-Insulated

Mounting Style: PCB Through Hole

Orientation: Vertical

PCB Thickness: .062" to .0125"

Pitch: 2.54mm (.100"), 3.18mm (.125")

Stud/Tab Size: # 6

Tool Included: No

Voltage Rating: 300V

Wire Gauge (AWG): 12-10, 16-14

Product Highlights

The taps provide a high current, separable connection to a Printed Circuit Board. Pin configuration is of the standard DIP outline. The Uninsulated Tap and Low Profile Tap can be used in bus bar pattern. The High Profile and Low Profile Taps offer insulation protection from other components.

Features and Benefits

- Provides high current, separable connection to Printed Circuit Board traces
- All metal-to-metal assembly for long-term integrity
- Standard DIP outlines
- Internally threaded tap to secure screw to terminal
- Anti-rotational embossments hold wire and terminal in place
- Standard Power Taps rated at 2.5 AMPS per pin— 6 position 15 AMPS, 10 position 25 AMPS current carrying capability
- High Current Power Taps rated at up to 5 AMPS per pin:
 - 2 position 10 AMPS
 - 3 position 15 AMPS
 - 4 and 6 position 20 AMPS
 - 8 position 40 AMPS

Applications



- Industrial Applications
- 15 AMP Applications
- 20 AMP Applications
- 25 AMP Applications



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
35107	5	Ring Tongue Terminal, AWG 12-10 Stud 6	Datasheet	Details	Search
5055558-4	2	25A Standard Uninsulated Power Tap with 6-32 screw .062-.125...	Datasheet	Details	Search
5055323-9	2	15A Standard Uninsulated Power Tap with 6-32 screw .062-.125...	Datasheet	Details	Search
1-5055323-0	1	Standard Uninsulated Power Tap with 6-32 screw .062-.125 PCB...	Datasheet	Details	Search
33456	5	12-10 AWG Uninsulated SOLISTRAND Ring Terminal Stud Size #6	Datasheet	Details	Search
320561	5	16-14 AWG PIDG Nylon Insulated Ring Terminal Stud Size #6	Datasheet	Details	Search
34121	5	16-14 AWG Uninsulated SOLISTRAND Ring Terminal Stud Size #6	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No
58546-1	No
169400	No
169404	No
68380-1	No







Additional kits available at www.productkits.com

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Warning: Failure to follow all instructions in Product Drawing 2110853, 2110857 and 2110858 (available at www.te.com) may result in injury, property damage, or equipment failure. Use only as directed. Insulation and/or crimping which is damaged and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

27
pieces



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