



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







TE connectivity
Authorized
Distributor

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Power PCB (Printed Circuit Board) Connector Kit

Standard Uninsulated Power Taps, Insulated Nylon PIDG and Uninsulated SOLISTRAND Ring Tongue Terminals

- 2.54mm and 3.18mm Pitch
- 6 and 10 Tail Taps
- 2 Ring Terminal #6 Stud Sizes: 16-14 and 12-10 AWS
- Currents: 15 and 25 Amps
- PCB Thickness: .062" to .125"

Additional kits available at www.productkits.com

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25
pieces



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