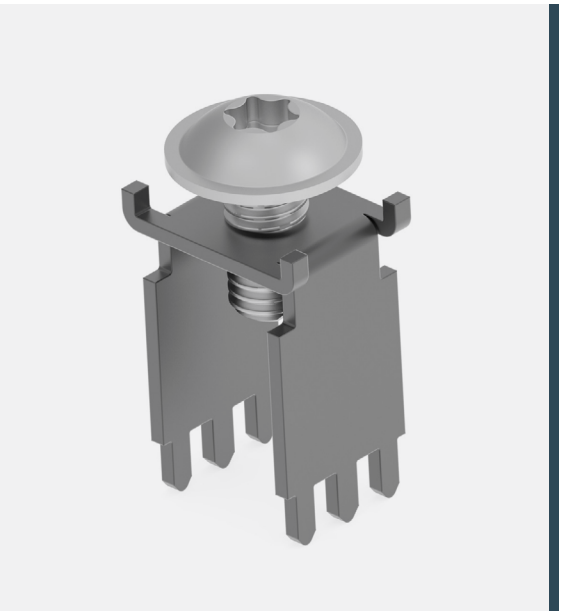


HIGH CURRENT PRINTED CIRCUIT BOARD POWER TAP

PCB SCREW TYPE TERMINAL WITH ENHANCED RETAINING AND ANTI ROTATIONAL FEATURES, DESIGNED TO OFFER MORE RELIABLE AND STABLE CONNECTIONS

TE Connectivity (TE) introduces this high current, (up to 40A), Printed Circuit Board (PCB) Power Tap with screw. It is designed to bring power supply to PCB applications. Originally developed for induction cooktops, it is versatile and can be used in a wide range of applications, from Industrial to Automotive. TE's PCB Power Tap will help you realize more efficient PCB connections. The preassembled screw, (treated with Nylok film), will help ensure easier handling and more reliable assembly process overall.

ELECTRICAL

- Max Current: 40A

MECHANICAL

- Through-hole
- Torque limit applied to screw: 3Nm max for 5 cycles
- Random vibration: No discontinuities greater than 10 microseconds under 16.91 G's rms for 20 minutes, (EIA 364-28D

MATERIALS

- Operating Temperature: -40 to +110°C
- Materials:
  - Terminal: Brass, Tin plated with Nickel underlayer
  - Screw: Steel, Galvanized

STANDARDS & SPECIFICATIONS

- Product Specification: 108-160952
- Application Specification: 114-160725

LEARN MORE

- Landing page

KEY FEATURES

- Suitable for high current applications, up to 40A
- Supplied with pre-assembled screw
- Contact stability on PCB before soldering, due to terminal central post featuring minimal interference design
- 4 Ribs for anti rotational feature during assembly with spade tongue terminal
- Available in two different screw drive styles and with or without Nylok film treatment

APPLICATIONS



Induction Cooktops



Major Home Appliances



HVAC Equipment



Industrial Machinery



Automotive

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HIGH CURRENT PRINTED CIRCUIT BOARD POWER TAP

POWER TAP TERMINAL

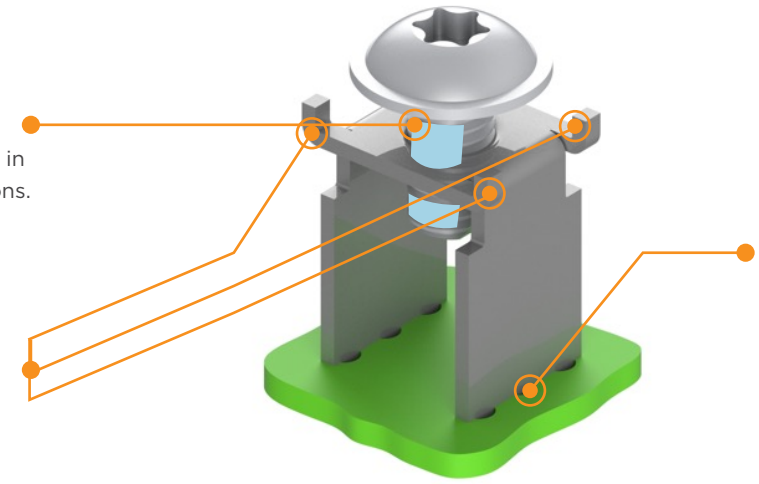
Screw drive style	Nylok film (Y/N)	Part Number
Torx-type	Y	2446198-3
Torx-type	N	2446198-1**
Phillips-type	Y	2446198-4**
Phillips-type	N	2446198-2**

** **Preliminary parts, not yet released for production. Available upon request.**

PRE-ASSEMBLED SCREW

Nylok film applied on 180° of threaded surface of screw, to increase retention during handling and in case of high vibrations.

4 Ribs as **Anti Rotational feature** during assembly with spade tongue



Central post on each side, with minimal interference, **to help secure and stabilize the terminal position during the soldering process**

P/N 2446198-3 for reference only

FOR MORE INFORMATION

ASK OUR EXPERT

te.com/pcb-terminals

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03/25

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