

580133-5 ✓ ACTIVE

AMP POWER TAP

TE Internal #: 580133-5

Power Terminals, Power Tap, Terminates To Printed Circuit Board,
10 Position, Cable-to-Board, Power, Uninsulated, Vertical, Screw
Machine, Silver

[View on TE.com >](#)



Terminals & Splices > Power Terminals



Power Terminal Type: **Power Tap**

Product Terminates To: **Printed Circuit Board**

Number of Positions: **10**

Contact Current Rating (Max): **25 A**

Connector System: **Cable-to-Board**

Features

Product Type Features

Footprint	6.35 x 3.18 mm [.25 x .125 in]
Power Terminal Type	Power Tap
Connector System	Cable-to-Board

Configuration Features

Number of Positions	10
PCB Mount Orientation	Vertical

Body Features

Terminal Profile	Standard
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Contact Features

Contact Current Rating (Max)	25 A
Contact Fabrication	Screw Machine
Contact Mating Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	5.08 μ m [200 μ in]
PCB Contact Termination Area Plating Material	Silver



PCB Contact Termination Area Plating Material Thickness	5.08 μm [200 μin]
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Contact Base Material	Brass Alloy
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Termination Method to Wire & Cable	Tap Screw
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Product Terminates To	Printed Circuit Board
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Dimensions

PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
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Overall Product Length	45.21 mm[1.78 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component Part)</p>
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Article Safe Usage Statements:

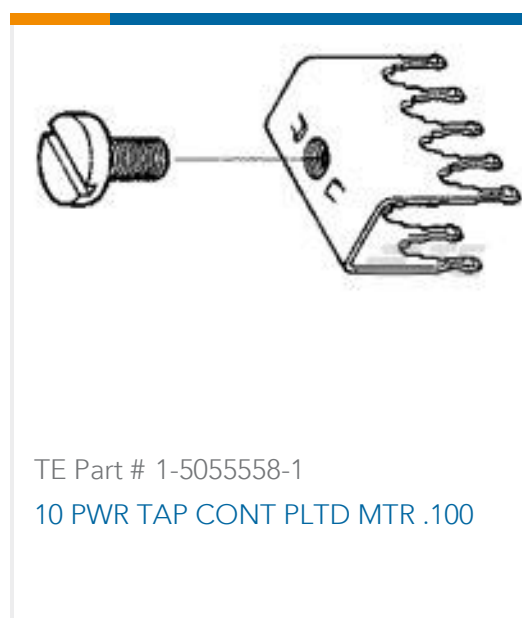
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265 $^{\circ}\text{C}$
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This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Documents

Product Drawings

[THREADED, PWR PIN, PLTD & LUBE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_580133-5_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_580133-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_580133-5_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English