

5055558-3 ✓ ACTIVE

AMP POWER TAP

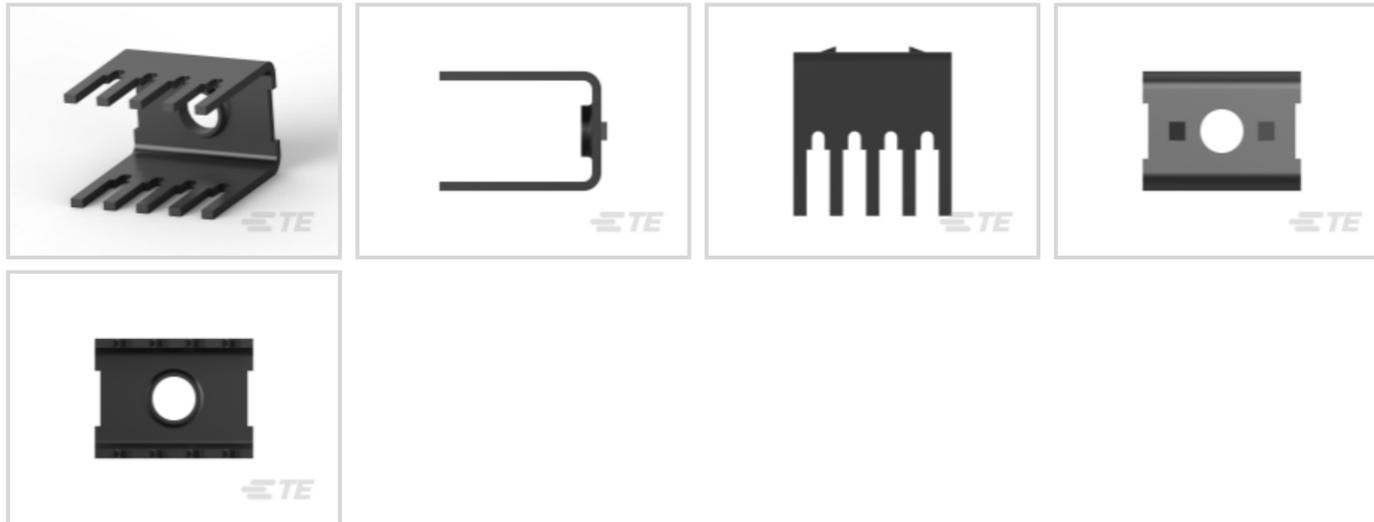
TE Internal #: 5055558-3

Power Terminals, Power Tap, Terminates To Printed Circuit Board,
10 Position, 2.54 mm [.1 in] Centerline, Cable-to-Board, Power,
Uninsulated, Vertical

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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**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Footprint	7.62 x 2.54 mm [.3 x .1 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

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	25 A
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin



Contact Mating Area Plating Material Thickness	.5 μ m, 3.04 μ m[20 μ in][120 μ in]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	.5 – 3.04 μ m[20 – 120 μ in]
Contact Base Material	Copper Alloy

Termination Features

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Overall Product Length	11.17 mm[.44 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Carton
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

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

[10 PWR TAP CONT PLTD STD .100](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5055558-3_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5055558-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5055558-3_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)



English

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_5055558-3_042320151529_dmtec](#)

English

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English