

5055556-9 ✓ ACTIVE



AMP POWER TAP

TE Internal #: 5055556-9

Power Terminals, Power Tap, Terminates To Printed Circuit Board,
10 Position, 2.54 mm [.1 in] Centerline, Wire-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): **37.8 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	Wire-to-Board
Sealable	No

Configuration Features

Number of Positions	10
PCB Mount Orientation	Vertical

Body Features

Terminal Profile	Low
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Current Rating (Max)	37.8 A



Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 μm [150 μin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	3.81 μm [150 μin]
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

Mechanical Attachment

Screw Size	M4
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Nylon - GF

Dimensions

PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Overall Product Length	12.7 mm[.5 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$]

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](https://www.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: JAN 2022
(223)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

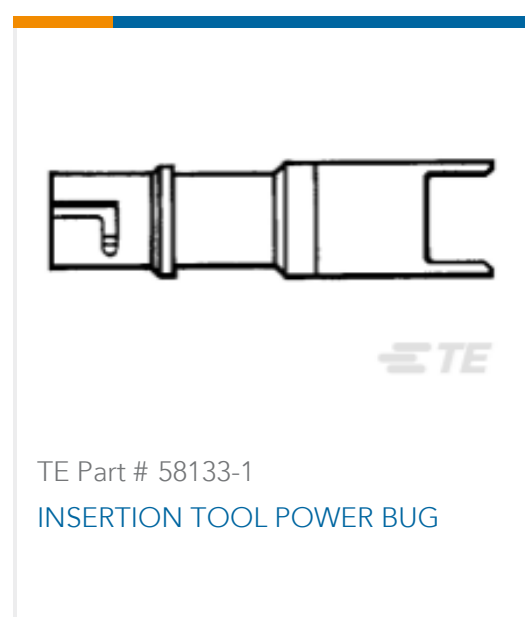
Solder Process Capability

Wave solder capable to 265°C

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 POWER TAP ASSY .125](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5055556-9_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5055556-9_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_5055556-9_A.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_5055556-9_11252016555_dmtec](#)

English

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