

AMP POWER TAP

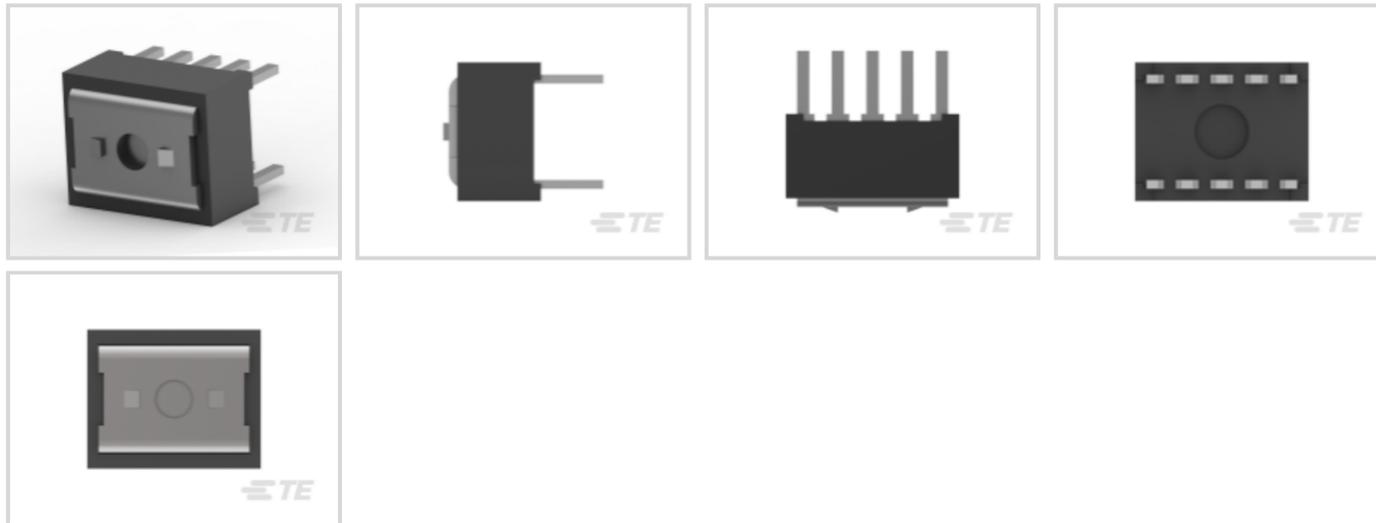
TE Internal #: 5055673-2

TE Internal Description: 10 POWER TAP ASSY .100

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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): **15 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)	15 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	.5 – 3.04 μm [20 – 120 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	6-32
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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>](#)

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 2018 (181) SVHC > Threshold: Not Yet Reviewed

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Documents

Product Drawings

[10 POWER TAP ASSY .100](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5055673-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5055673-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5055673-2_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