167892-2 ✔ ACTIVE

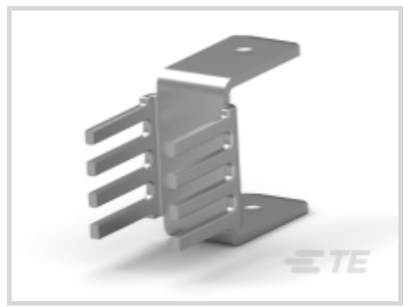
AMP POWER TAP

TE Internal #: 167892-2

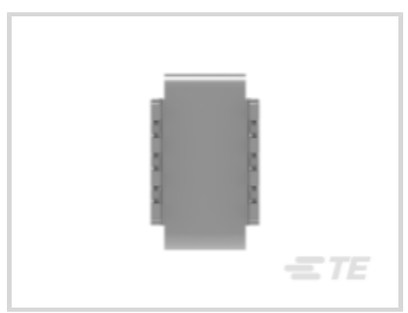
Power Terminals, Power Tap, Terminates To Printed Circuit Board, 8 Position, 2.54 mm [.1 in] Centerline, Cable-to-Board, Power, Uninsulated, Vertical

View on TE.com >

Terminals & Splices > Power Terminals







Power Terminal Type: **Power Tap**

Product Terminates To: **Printed Circuit Board**

Number of Positions: **8**

Contact Current Rating (Max): **40 A**

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

Features

Product Type Features

Power Terminal Type	Power Tap
Connector System	Cable-to-Board

Configuration Features

Number of Positions	8
PCB Mount Orientation	Vertical

Body Features

Terminal Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Finish	Bright
Contact Current Rating (Max)	40 A
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	5 µm[196.85 µin]

PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	5 µm[196.85 µin]
Contact Base Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Contact Mating Retention Type	Dimple

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	3.18 mm[.125 in]
Overall Product Length	13 mm[.511 in]
Mating Area Interface Dimensions	6.35 x .81 mm[.25 x .32 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

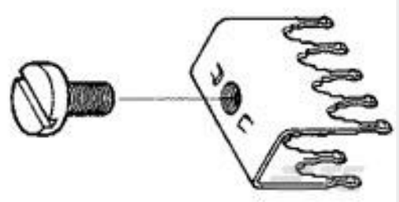
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed

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



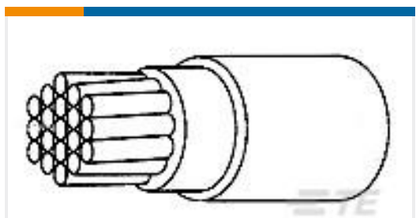
TE Part # 1-5055558-1
10 PWR TAP CONT PLTD MTR .100

Customers Also Bought

TE Part #215605-4
96P.IEC-C MALE CONN

TE Part #3-2176088-5
RP 1J 0.166W 1K78 0.1% 25PPM 1K RL

TE Part #7798054001
LSTT-9.5-0-SP



TE Part #3509253001
100G0111-0.75-8

TE Part #1SNA164519R2400
BAR

TE Part #1393683-2
C42315A 60A 4=DRUCKTASTE A60

TE Part #2-1393817-4
V23003B 1C110

TE Part #9-1415543-5
PT271060

Documents

Product Drawings

8P.P.L.TERM.(D)

English

CAD Files

Customer View Model

ENG_CVM_CVM_167892-2_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_167892-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_167892-2_F.3d_stp.zip

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English