

167892-2 ✓ ACTIVE

AMP POWER TAP

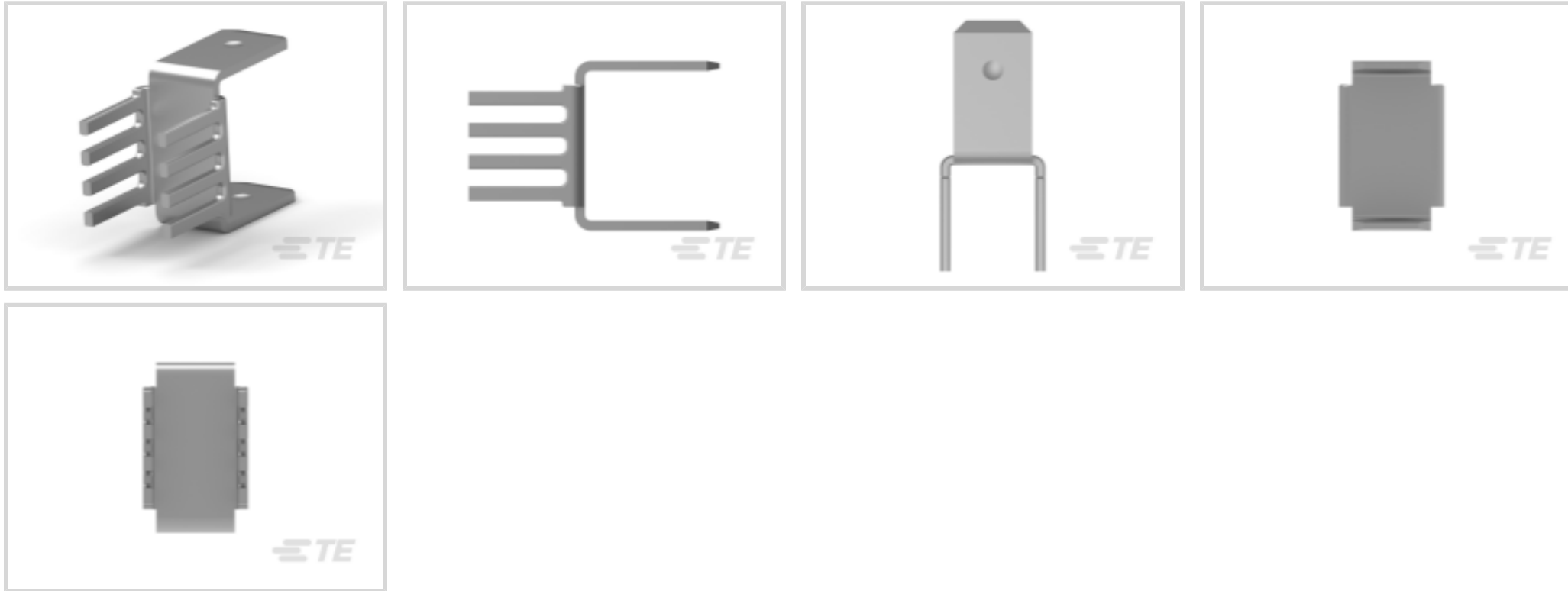
TE Internal #: 167892-2

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

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|--------------------|----------------|
| 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: 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

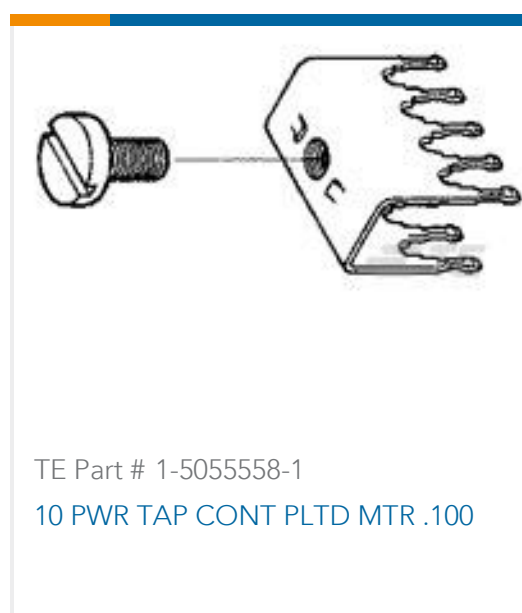
Solder Process Capability

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

[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

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English