



AMP POWER TAP

TE Internal #: 5055556-9

Power Terminals, Power Tap, Wire-to-Board, 10 Position, 2.54mm [.1in] Centerline, Printed Circuit Board, Vertical, Stamped & Formed, Tin

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Connectors > Power Connectors > Power Terminals



Power Terminal Type: **Power Tap**
 Connector System: **Wire-to-Board**
 Number of Positions: **10**
 Centerline (Pitch): **2.54 mm [.1 in]**
 Sealable: **No**

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 |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|----------|
| Number of Positions | 10 |
| PCB Mount Orientation | Vertical |

Body Features

| | |
|------------------|-----|
| Terminal Profile | Low |
|------------------|-----|

Contact Features

| | |
|--|--------|
| PCB Contact Termination Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Underplating Material | Nickel |



| | |
|---|--|
| Terminal 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 |
| Contact Current Rating (Max) | 37.8 A |

Termination Features

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

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
| Screw Size | M4 |

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

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: JUN 2020 (209)

Candidate List Declared Against: JUL 2019 (201)

Does not contain REACH SVHC

Halogen Content

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

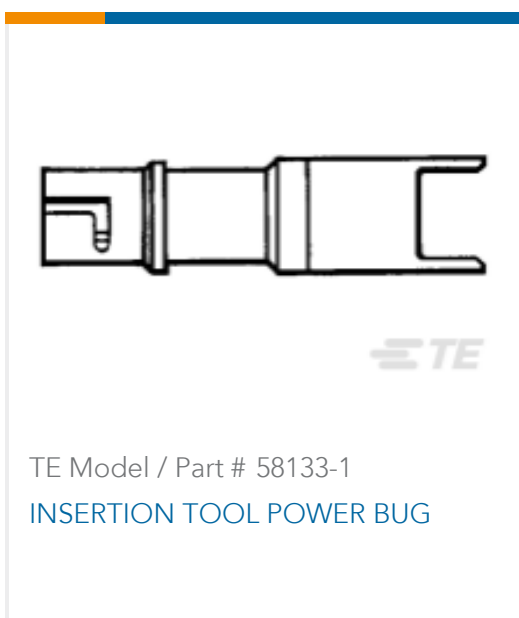
Solder Process Capability

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



TE Model / Part # 58133-1
INSERTION TOOL POWER BUG

Customers Also Bought



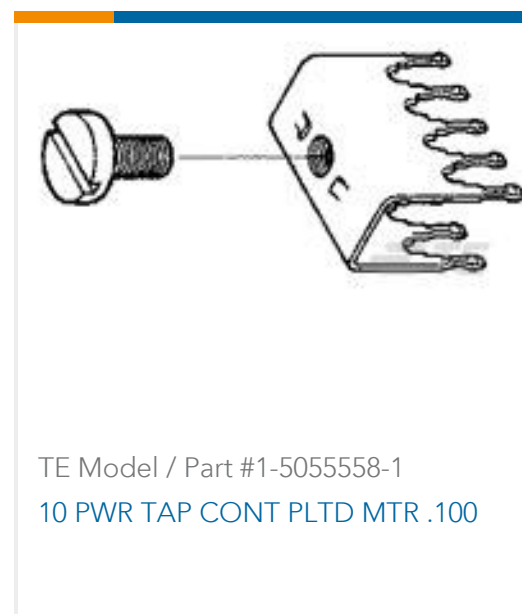
TE Model / Part #1-1469267-1
GUIDE MODULE VERT MALE SHORT P



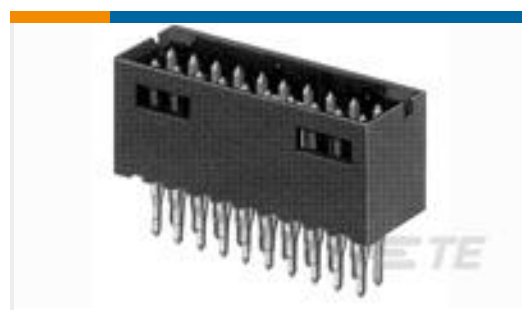
TE Model / Part #536019-5
0% EURO TYP R PIN AP MFBL ASY



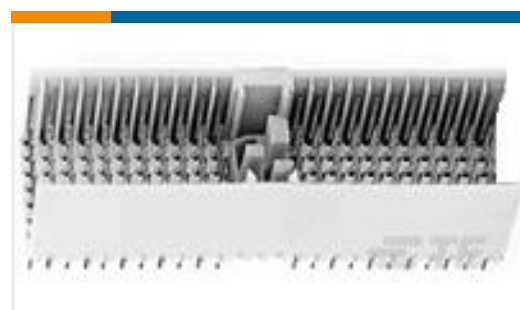
TE Model / Part #6450540-1
MBXL VERT RCPT 1P+24S+1P



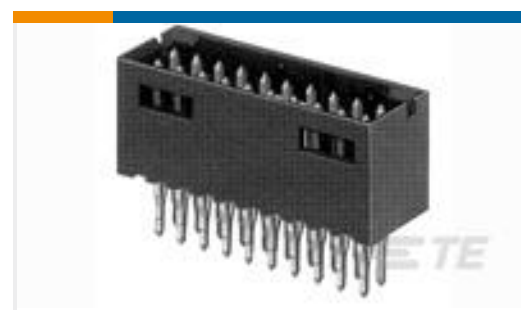
TE Model / Part #1-5055558-1
10 PWR TAP CONT PLTD MTR .100



TE Model / Part #102699-5
12 MODII HDR DRST SHRD A/PIN



TE Model / Part #5188398-9
2MMHM,HDR,TYPE A,LUBE



TE Model / Part #1-102699-2
26 MODII HDR DRST SHRD A/PIN



TE Model / Part #104911-1
05 MTE HDR SRST LATCH .100CL



TE Model / Part #5120747-2
Z-PACK HS3 HDR ASY 10R 50P



TE Model / Part #5120752-1
Z-PACK HS3 HDR ASY 10R 50P

Documents

Product Drawings

[10 POWER TAP ASSY .125](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

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

English

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

5055556-9

Power Terminals, Power Tap, Wire-to-Board, 10 Position, 2.54mm [.1in] Centerline,
Printed Circuit Board, Vertical, Stamped & Formed, Tin



Product Environmental Compliance

[MD_5055556-9_11252016555_dmtec](#)

English

[MD_5055556-9_11252016555_dmtec](#)

English