# 225694-E ✔ ACTIVE

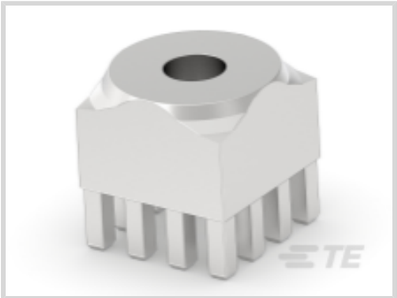
ERNI | ERNI PowerElements

TE Internal #: 225694-E

Power Tap Terminal, 8 Position, Terminates To Printed Circuit Board, 2.54 mm [.1 in] Centerline, Vertical, Tin (Sn), ERNI PowerElements

View on TE.com >

Terminals & Splices > Power Terminals



Power Terminal Type: **Power Tap Terminal**

Product Terminates To: **Printed Circuit Board**

Number of Positions: **8**

Contact Current Rating (Max): **80 A**

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

## Features

### Product Type Features

| | |
|---|---|
| Power Terminal Type | Power Tap Terminal |

### Configuration Features

| | |
|---|---|
| Number of Positions | 8 |
| PCB Mount Orientation | Vertical |

### Body Features

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

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Copper |
| PCB Contact Termination Area Plating Material Finish | Matte |
| Terminal Orientation | Straight |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Current Rating (Max) | 80 A |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Mating Area Plating Material Thickness | 2 – 6 µm[78.74 – 236.22 µin] |

| | |
|---|---|
| PCB Contact Termination Area Plating Material | Tin |
| PCB Contact Termination Area Plating Material Thickness | 2 – 6 µm[78.74 – 236.22 µin] |
| Contact Base Material | Copper Alloy |

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| Thread Size | M4 |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2.54 mm[.1 in] |

### Dimensions

| | |
|---|---|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Product Length | 9 mm[.354 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 135 °C[-40 – 275 °F] |

### Packaging Features

| | |
|---|---|
| Packaging Method | Package |

## Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: FEB 2026 (253)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (3% in Component)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |

Solder Process Capability

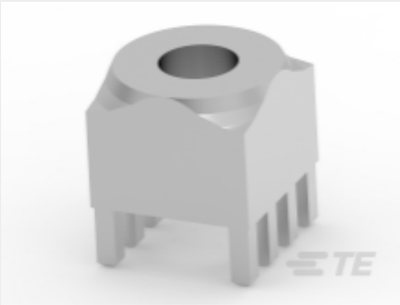
Not reviewed for solder process capability

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 # 225693-E
POWELM BUCHSE ZWEIM M3 5 2,54 * EP 6 CUS

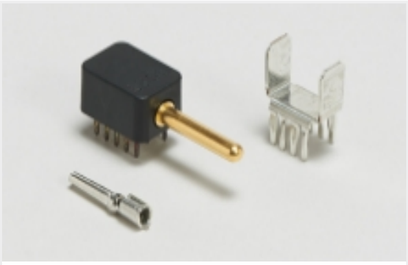


TE Part # 2444176-1
POWER ELEMENT, M5 x 0.8 mm, 8 PIN

TE Part # 225775-E
POWELM BUCHSE ZWEIM M4 6 2,54 * EP 7 CUS

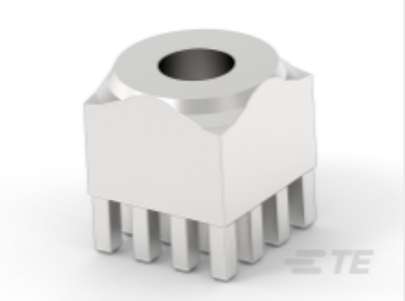
TE Part # 230294-E
BMEPS UT * * * * * * * * EP-UT POWERELEM

## Also in the Series | ERNI PowerElements

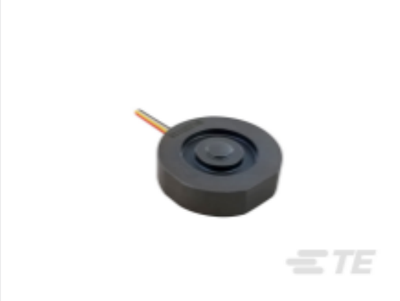


Power Terminals(32)

## Customers Also Bought



TE Part #225683-E
POWELM BUCHSE VOLLM M5 4 2,54 * EP 7 CUS



TE Part #CAT-FSE0006
Compact Compression Load Cell

TE Part #53054
TERMINAL,PIDG R IR 24 4

TE Part #4-1393789-3
V23079D2001B301

TE Part #CAT-AQ4-HHD100090
PowerTube HVP-HD 1000 90° Headers

TE Part #CAT-AQ4-HHD140090
PowerTube HVP-HD 1400 90° Headers

## Documents

### Product Drawings

POWELM BUCHSE ZWEIM M4 6 2,54 * EP 7 CUS

German

### CAD Files

Customer View Model

ENG_CVM_CVM_225694-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225694-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_225694-E_1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

Data Sheet - ERNI PowerElements

English

Data Sheet - ERNI PowerElements

German

### Product Specifications

Application Specification

English