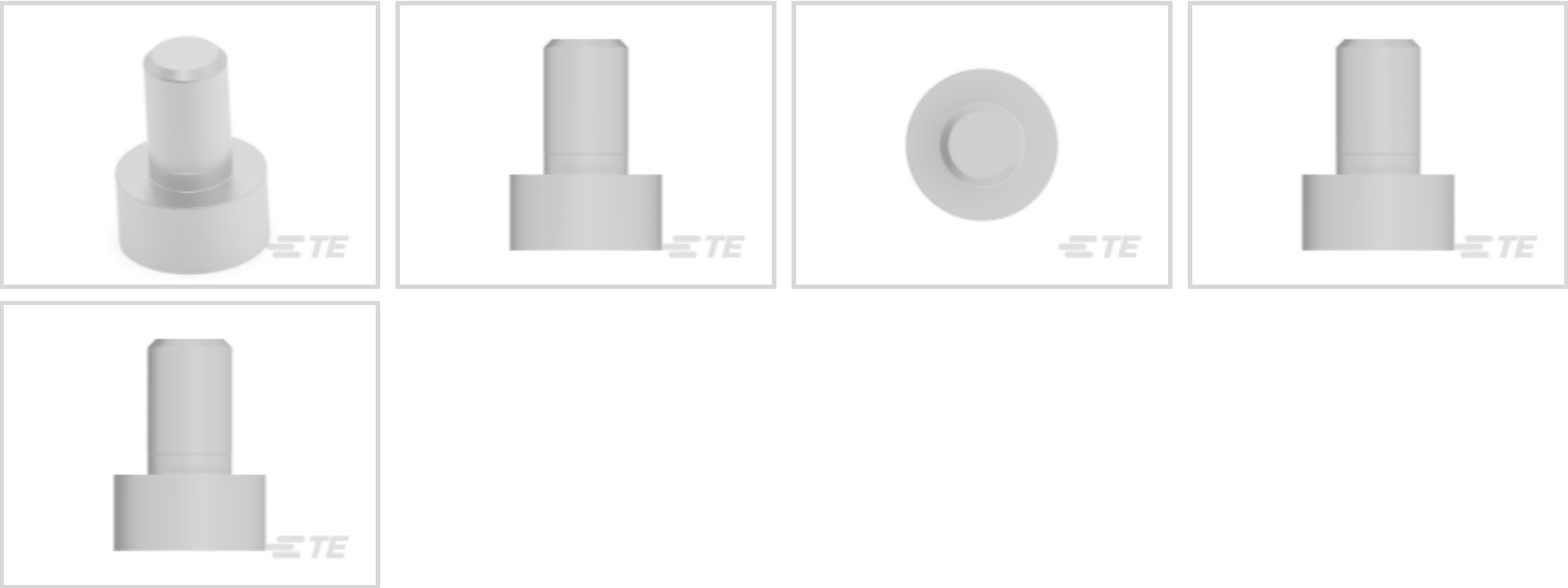




Terminals & Splices > Power Terminals



Power Terminal Type: **Pin Power Terminal**

Product Terminates To: **Printed Circuit Board**

Number of Positions: **1**

Contact Current Rating (Max): **90 A**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Power Terminal Type	Pin Power Terminal
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Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical

Body Features

Terminal Profile	Low
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Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	90 A
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Thickness	5 – 10 µm[196.85 – 393.7 µin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	5 – 10 µm[196.85 – 393.7 µin]



Contact Base Material	Copper Alloy
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Termination Features

Termination Method to PCB	Surface Mount
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Thread Size	M5
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Usage Conditions

Operating Temperature Range	-40 – 155 °C[-40 – 311 °F]
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Packaging Features

Packaging Method	Package
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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) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.5% in Component Part) Article Safe Usage Statements: 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 # 225865-E
POWELM STIFT ZENTR M6 10 **
SMD 5,5 SN

TE Part # 225850-E
POWELM STIFT * M3 5 ** SMD 3 SN *
* J 3

TE Part # 225853-E
POWELM STIFT * M6 10 ** SMD 5,5
SN **

Customers Also Bought

TE Part #816572-SF
RN232-1-02-18M

TE Part #7-188275-6
MICRO-MATCH SMD FTE

TE Part #292206-7
MINI CT SGL DIP H 7P NAT

TE Part #292215-7
MINI CT SGL RELAY 7P NAT

TE Part #343347-1
DRAWER CONNECTOR PLUG HSG10
WA

TE Part #1-1393230-1
RP3SL024

TE Part #3-2176055-8
RLP73K 2B R36 1% 1K RL

TE Part #2176325-4
CRGP 0402 18R 1%

TE Part #7-2176583-4
RLC73PD 2B R324 1% 1K RL

TE Part #5747497-4
50 PLUG RA/MS STD (SL)

Documents

Product Drawings
POWELM STIFT * M5 8 ** SMD 4,5 SN ** J
German



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225852-E_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225852-E_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225852-E_B.3d_stp.zip

English

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Product Specifications

Application Specification

English