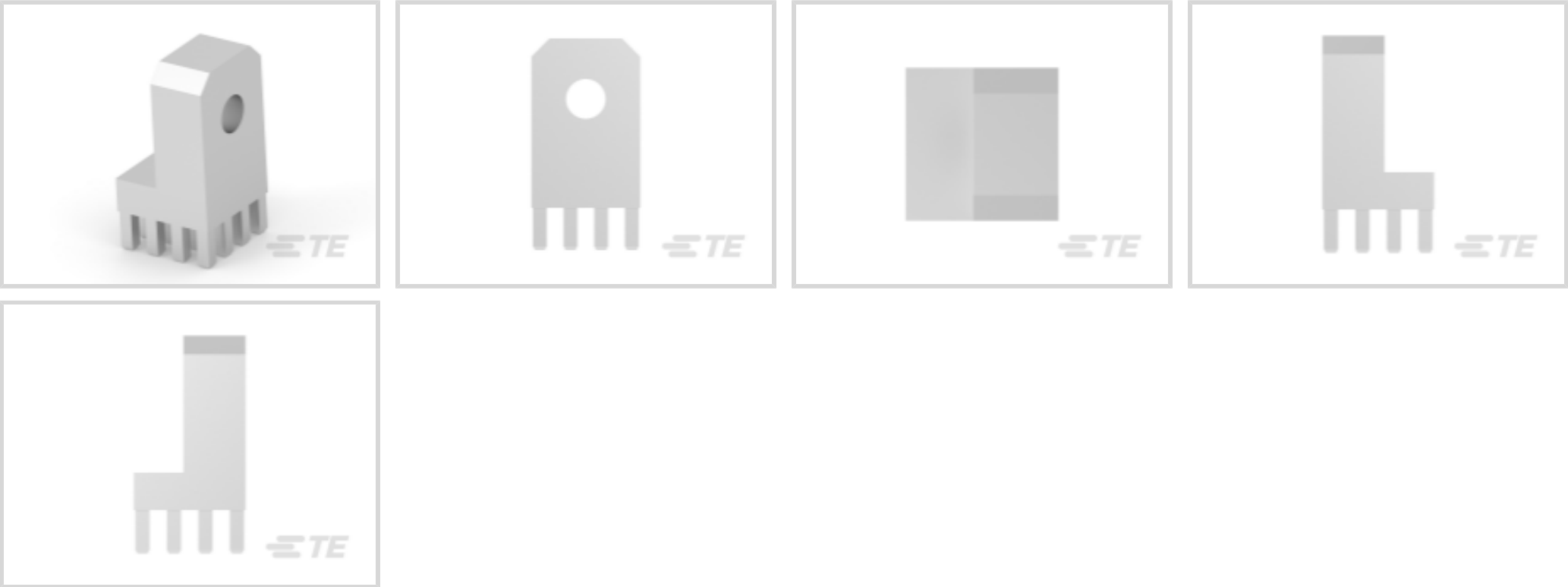




Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Cable-to-Board**

Number of Positions: **1**

PCB Mount Orientation: **Right Angle**

Termination Method to Printed Circuit Board: **Through Hole - Press-Fit**

Contact Mating Area Plating Material: **Nickel (Ni)**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Right Angle

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 µm[118.11 – 236.11 µin]
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Nickel (Ni)

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
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Termination Method to Printed Circuit Board

Through Hole - Press-Fit

Mechanical Attachment

Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Usage Conditions

Operating Temperature (Max)	135 °C[275 °F]
Operating Temperature Range	-40 – 135 °C[-40 – 275 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Type	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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (4% 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	Not Yet Reviewed for halogen content
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 # 225700-E
POWELM GEWINK VOLLM M4 5 2,54
* EP 14 CU

TE Part # 225701-E
POWELM GEWINK VOLLM M5 5 2,54
* EP 14 CU

Also in the Series | ERNI PowerElements

PCB Headers & Receptacles(32)

Customers Also Bought

TE Part #1623729-3
Wirewound Resistor: Vertical Mount

TE Part #3-640621-3
03P MTA100 CONN ASSY F/T NATL

TE Part #1-1318117-3
DYNAMIC D-2100 TAB HSG 3P F/H

TE Part #207016-1
4 POS SQ GRID METRIMATE RCPT

TE Part #170363-1
MINI UNIVERSAL M-N-L PIN LP

TE Part #62194-2
MIN AMVAR SPLC 016TPBR

TE Part #254415-E
SMCQ 20 M AB VV 8-23 CL * H007 137 E005

TE Part #114712-E
MICROS STV 12 407 188 * 0007 J 3 114712

Documents

CAD Files



Customer View Model

[ENG_CVM_CVM_225822-E_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_225822-E_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_225822-E_B.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