

6651456-1 ✓ ACTIVE

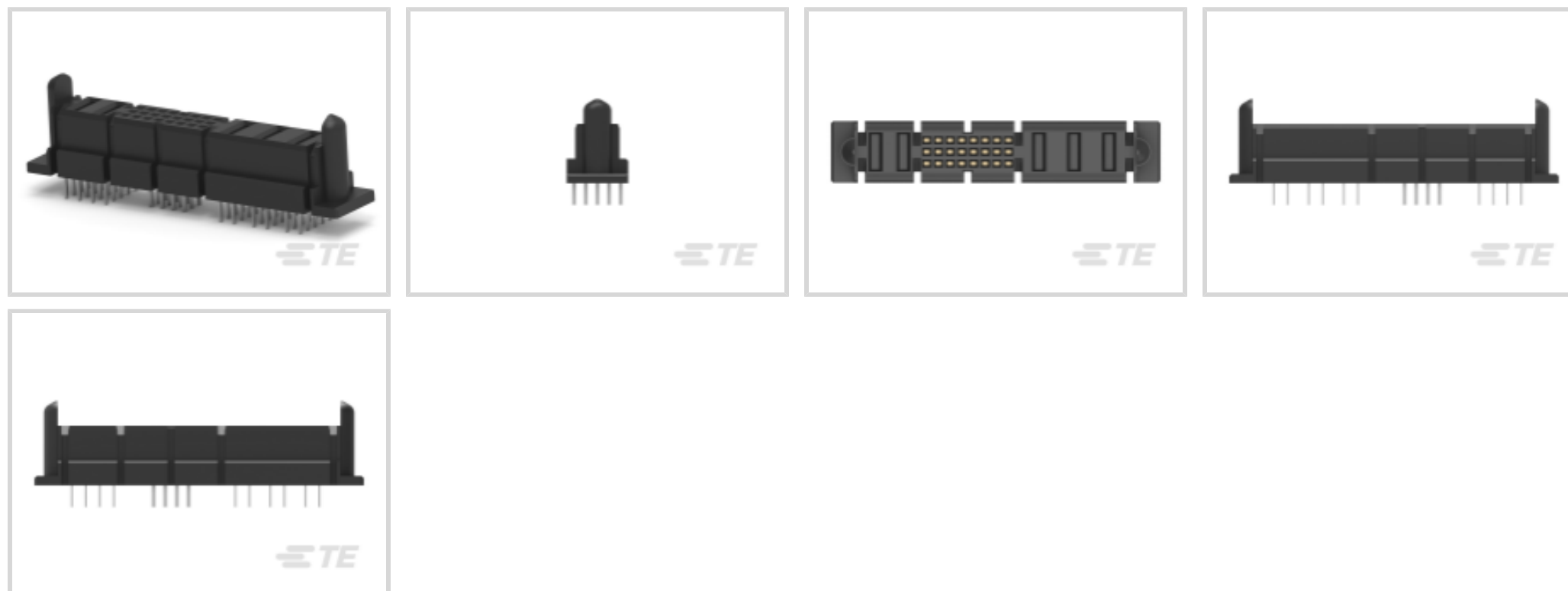
TE Internal #: 6651456-1

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 29 Position, 2.5 mm / 6 mm [.098 in / .236 in] Centerline, Printed Circuit Board

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **29**

Centerline (Pitch): **2.5 mm, 6 mm [.098 in, .236 in]**

## Features

### Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	29
PCB Mount Orientation	Vertical
Number of Power Positions	5
Number of Signal Positions	24
Number of Rows	1, 3

### Electrical Characteristics

Operating Voltage	60 VDC
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### Contact Features



Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	65 A
Contact Retention Within Housing	Without
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	2.5 mm, 6 mm [.098 in][.236 in]
Housing Color	Black
Housing Material	Polyphthalamide

### Dimensions

Row-to-Row Spacing	2.5 mm, 6 mm [.098 in][.236 in]
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### Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Method	Bag
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### 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: JUNE 2023 (235)



Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

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



TE Part # 1766693-1  
CONN,PIN,RT<,SLDR,MINIPAK

### Customers Also Bought



TE Part #2-1761606-7  
IDC LOW PRO HDR 20P VERT LG LA



TE Part #5557730-1  
MJ,TE,8P/8C,SHLD,PNL STOPS&G



TE Part #1-770971-1  
10P MINI UMNL R/A HDR ASSY LF



TE Part #6116522-1  
INV MJ,1X2,PNL GRD,SHLD



## Documents

### Product Drawings

[SOCKET CONNECTOR,STRAIGHT,SOLDER,MINIPAK](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6651456-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6651456-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6651456-1\\_B.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English