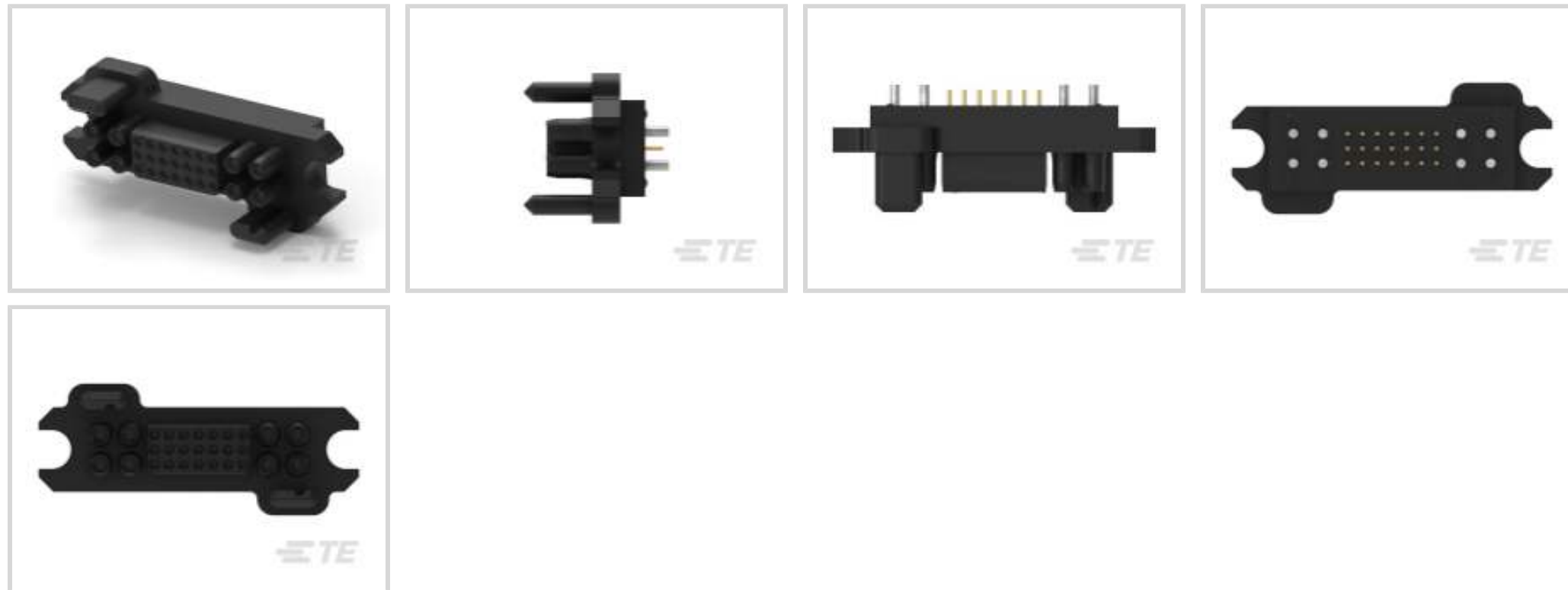


TE Internal #: 6766414-1

Rectangular Power Connectors, Header, Receptacle, Board-to-Board, 29 Position, 7.62 mm / 3.18 mm [.3 in / .15 in] Centerline, Printed Circuit Board

[View on TE.com >](#)


Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **29**

Centerline (Pitch): **3.18 mm, 7.62 mm [.15 in, .3 in]**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	29
PCB Mount Orientation	Vertical
Number of Rows	2, 3

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A, 35 A



Contact Retention Within Housing	Without
Contact Type	Socket
PCB Contact Termination Area Plating Material	Nickel

### Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	3.18 mm, 7.62 mm [.15 in][.3 in]
Housing Color	Black
Housing Material	Valox 420 SEO

### Dimensions

Row-to-Row Spacing	3.81 mm [.15 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °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	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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219)



SVHC > Threshold:

Pb (3.7% 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 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

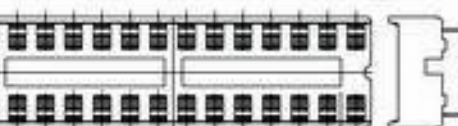


TE Part # 1648203-1  
297-08-01100=SA CONN,PIN

## Customers Also Bought



TE Part #5499913-2  
A/L UNIV HDR 14P RA SHT LAT



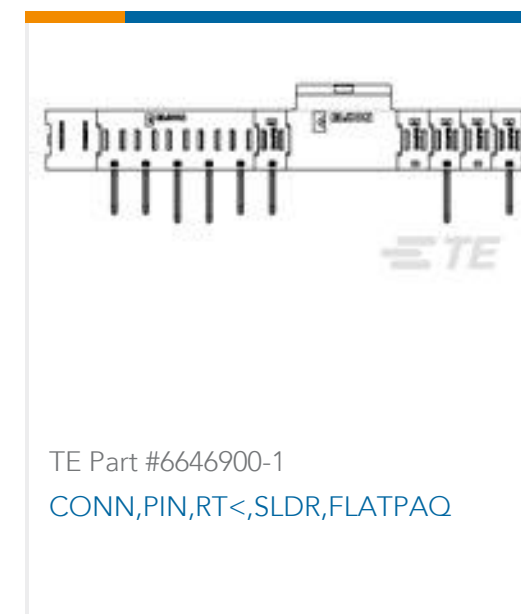
TE Part #1-2199298-2  
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part #292161-8  
CT 2mm Post Header Asmbly: Box V DIP



TE Part #640389-4  
04P MTA156 HDR ASSY SQ R/A F/L



## Documents

### Product Drawings

[CONN,SKT,LOWER DRAWER](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6766414-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6766414-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6766414-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English