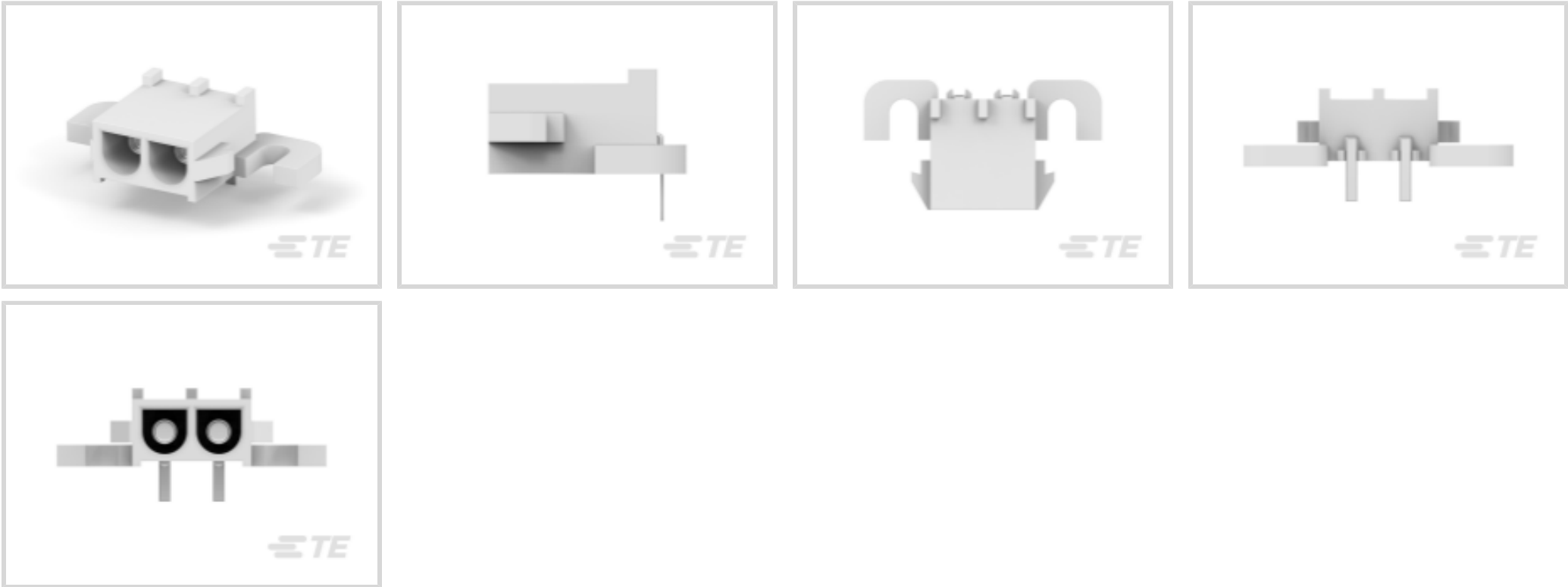




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **6.35 mm [.25 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	2
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without



Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Method	Box
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Product Compliance

For compliance documentation, visit the product page on 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 2023 (235) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 643228-1 03P UMNL HDR ASSY R/A 94VO	 TE Part # 643230-1 04P UMNL HDR ASSY R/A 94VO	 TE Part # 1969798-1 02P UMNL PIN HDR ASSY NATL, PIN V0 GW	 TE Part # 1586893-3 03P UMNL HDR ASSY R/A, GW
 TE Part # 1969813-1 06P UMNL HDR ASSY R/A, SCKT V0 GW	 TE Part # 1969795-1 02P UMNL HDR ASSY SCKT V0 GW	 TE Part # 1969806-1 04P UMNL HDR ASSY R/A, SCKT V0 GW	 TE Part # 1969816-1 08P UMNL HDR ASSY R/A, SCKT V0 GW
 TE Part # 643250-1 02P UMNL ASSY MOD HSG V0	 TE Part # 1969796-1 02P UMNL HDR ASSY R/A, PIN V0 GW		

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(2)



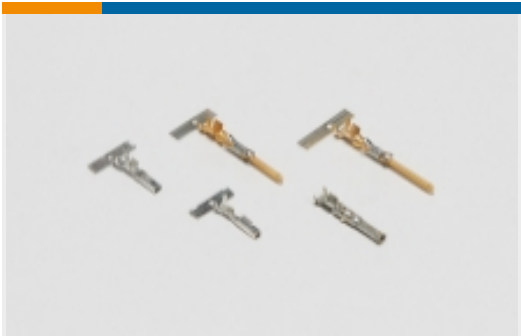
Connector Seals & Cavity Plugs(27)



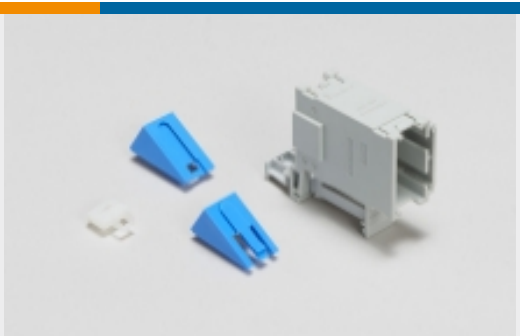
Connector Strain Relief(34)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(8)

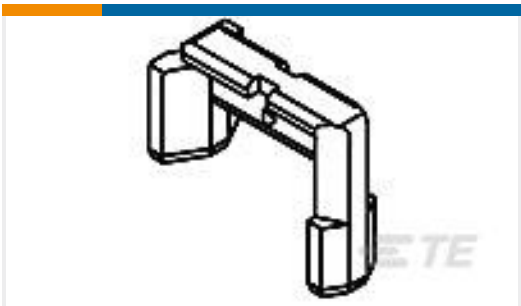


Rectangular Power Connectors(672)

Customers Also Bought



TE Part #1-1630186-9
HSA50 4R0 5%



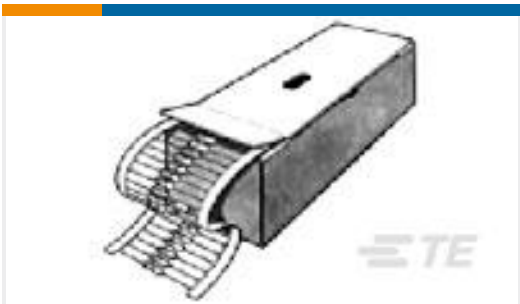
TE Part #968183-1
2.RETAINER



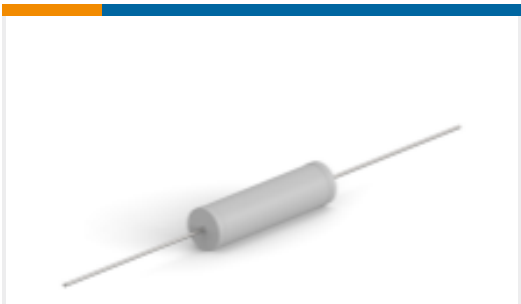
TE Part #1879208-7
CPF 0402 18R 0.1% 25PPM 1K RL



TE Part #1-350778-1
02P UMNL V0 CAP HSG BROWN



TE Part #1-1879927-8
EP 7W 3K3 5%



TE Part #5-2176414-4
7W STD M/OX 5% 3K3



TE Part #1969795-1
02P UMNL HDR ASSY SCKT V0 GW



TE Part #1969800-1
03P UMNL HDR ASSY, SCKT V0 GW



Documents

Product Drawings

02P UMNL HDR ASSY R/A, SCKT V0 GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969797-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969797-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969797-1_A.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

Agency Approvals

VDE Certificate

English