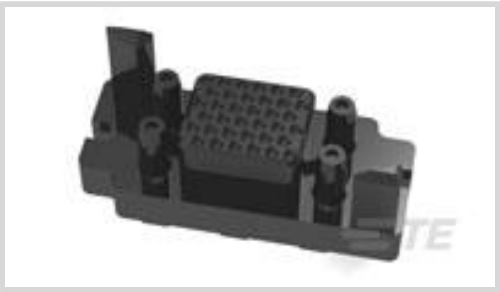




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Sealable: **No**

UL Flammability Rating: **UL 94V-0**

Contact Current Rating (Max): **35 A**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Sealable	No

Configuration Features

PCB Mount Orientation	Vertical
Number of Power Positions	4

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Current Rating (Max)	35 A
Contact Retention Within Housing	With
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Color	Black
Housing Material	PBT

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
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>



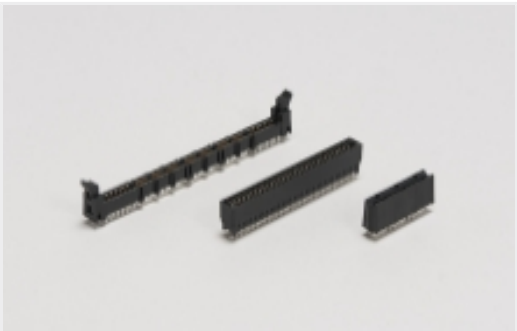
Compatible Parts



TE Part # 1648132-1
235-0162-01100=SA CONN,PIN

Also in the Series

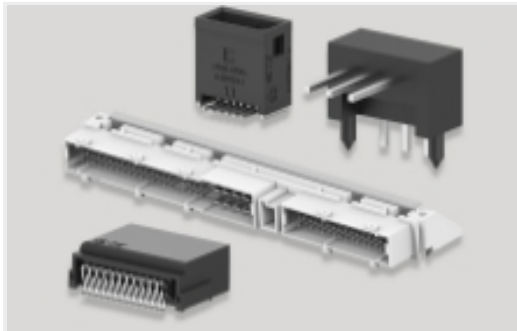
AMP-METRIMATE



Card Edge Power Connectors(1)



Connector Hardware(1)



PCB Headers & Receptacles(8)



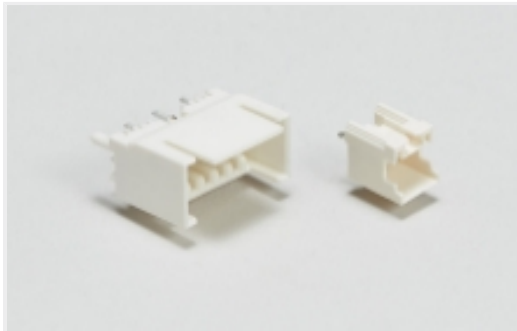
Rack & Panel Connectors(1)



Rectangular Power Connectors(2)



SO DIMM Sockets(12)

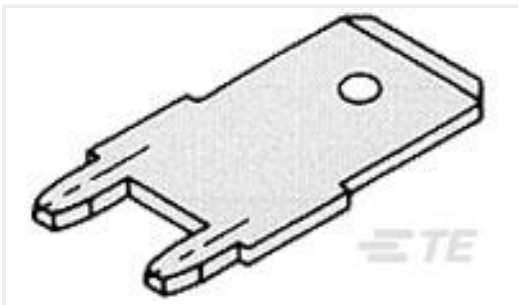


Wire-to-Board Headers & Receptacles (2)

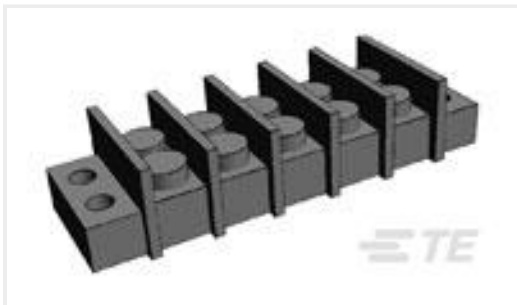
Customers Also Bought



TE Part #6648318-1
CONTACT,SKT,#12



TE Part #62409-1
250 FASTON TAB TPBR



TE Part #1546306-5
5P .374" DR BARRIER STRIP



TE Part #5-1393144-0
K10P-11DT5-12=K10/K20



Documents

Product Drawings

235-0163-01100=CONN,SKT.SQR DWR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1648133-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1648133-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1648133-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7

English

Product Specifications

Product Specification

English

1648133-1

Connector Assembly, Receptacle, UL 94V-0, Power & Signal, Panel Mount, -40 – 105 °
C [-40 – 221 °F], AMP-METRIMATE, Rectangular Power Connectors

