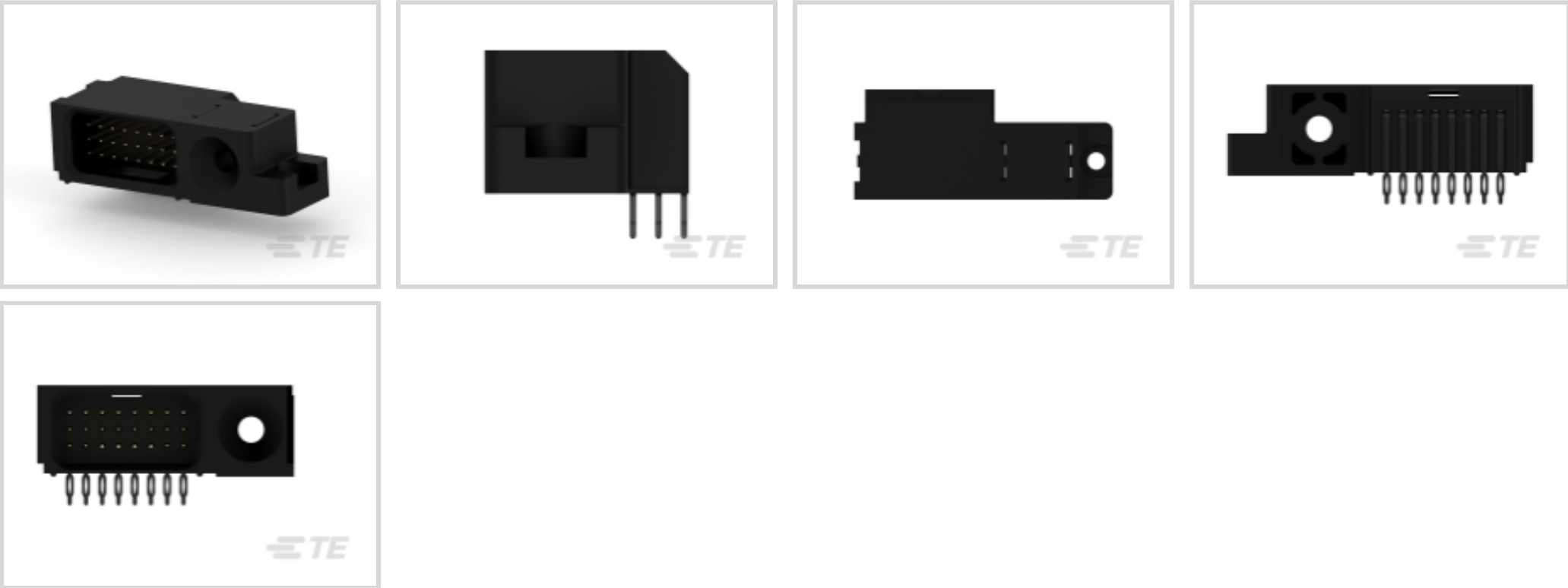




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **24**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	24
PCB Mount Orientation	Right Angle
Number of Signal Positions	24
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Mating Area Plating Material	Gold
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Contact Current Rating (Max)	1 A
Contact Retention Within Housing	With
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2.5 mm[.098 in]
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Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 2085120-1
CONN SOCKET ASSY STRAIGHT
SOLDER FLATPAQ

Customers Also Bought

TE Part #66504-3
20 DF SCKT CONT

TE Part #9-1614882-5
CPF 0603 15R 0.1% 25PPM 1K RL

TE Part #5-1676481-6
CPF 0603 1K2 0.1% 25PPM 1K RL

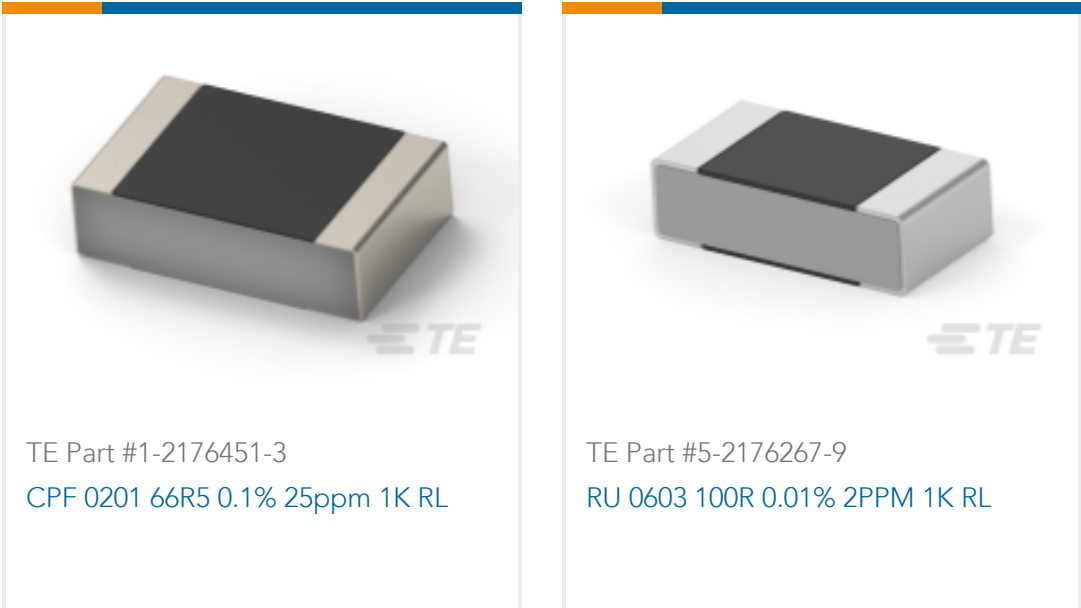
TE Part #2176091-3
RP 2A 0.25W 60R4 0.1% 25PPM 1K RL

TE Part #6-2301994-1
RJ45 JACK INT.MAG. 1GB LED 1X1
INV (LOW)

TE Part #6-2176369-3
RQ 0603 178R 0.1% 10PPM 5K RL

TE Part #8-2176268-5
RU 0603 2K0 0.01% 2PPM 1K RL

TE Part #796858-4
4 POS TERMI-BLOK PLUG RT ANGLE



Documents

Product Drawings
24PIN RECTANGULAR POWER CONNECTORS
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2085119-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2085119-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2085119-1_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