

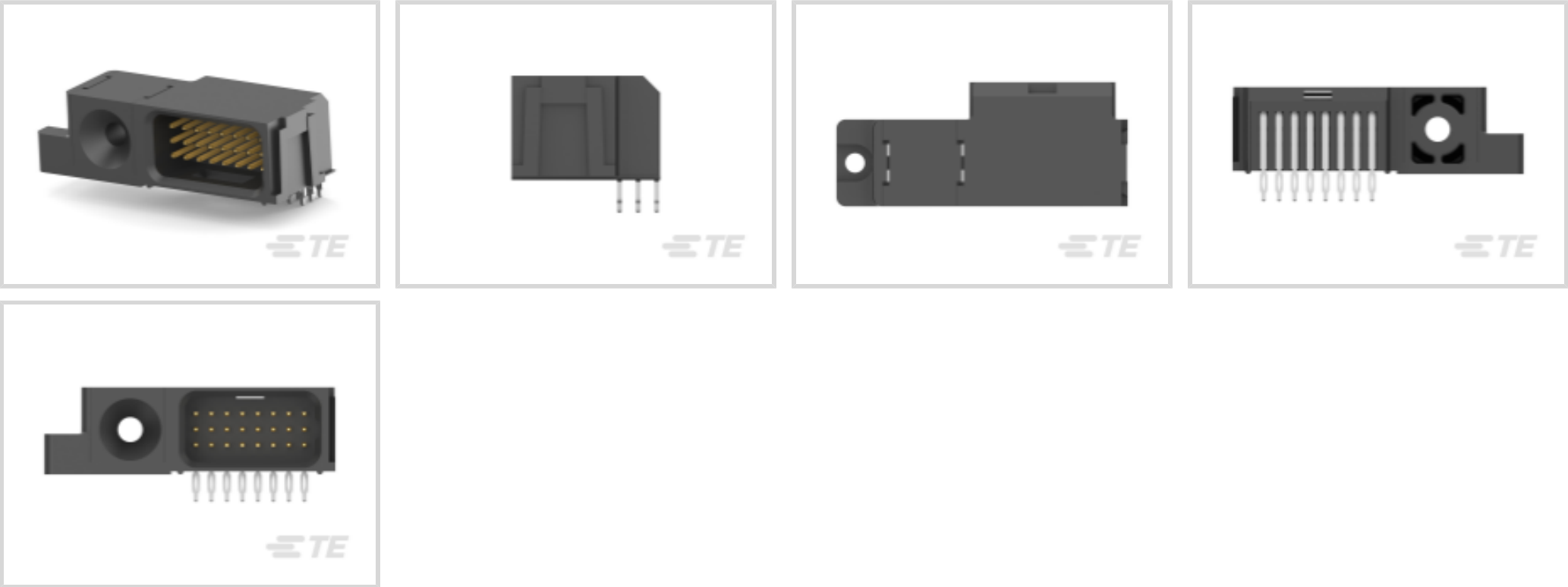


TE Internal #: 2085117-1

Connector Assembly, Plug, Wire-to-Board, 24 Position, 2.5 mm [.098 in] Centerline, Printed Circuit Board, UL 94V-0, Rectangular Power Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **24**

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

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-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

Contact Features

Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Type	Pin



PCB Contact Termination Area Plating Material	Tin
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Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to PCB	Through Hole - Press-Fit

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	Polyphthalamide

Dimensions

Row-to-Row Spacing	2.5 mm[.098 in]
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Operation/Application

Circuit Application	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	Bulk
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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: JAN 2021 (211) 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 # 2085118-1  
CONN SOCKET ASSY STRAIGHT  
SOLDER FLATPAQ

Customers Also Bought

TE Part #1-747943-6  
KIT,RCPT,9P,HDE,SHLD ENCLSR

TE Part #1630027-7  
HSC300 220R 5%

TE Part #2212011-1  
PLUGGABLE BUSBAR CONNECT W  
/CLINCH NUTS

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

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 #1-2176451-3  
CPF 0201 66R5 0.1% 25ppm 1K RL

TE Part #5-2176267-9  
RU 0603 100R 0.01% 2PPM 1K RL

Documents

Product Drawings  
CONN SOCKET ASSY STRAIGHT SOLDER FLATPAQ

English

CAD Files



3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2085117-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2085117-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2085117-1\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English