

2085117-1  ACTIVE

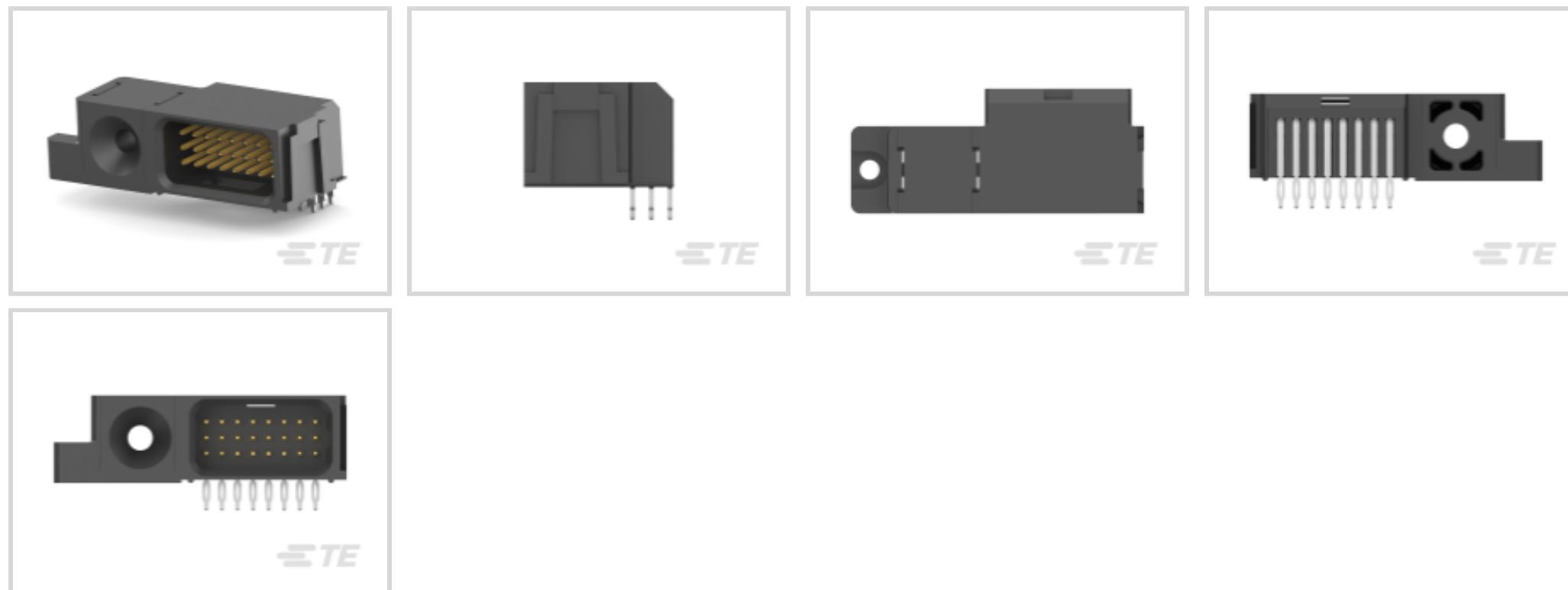
TE Internal #: 2085117-1

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

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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

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

Termination Method to Printed Circuit Board

Through Hole - Press-Fit

**Mechanical Attachment**

Connector Mounting Type

Board Mount

**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]

**Operation/Application**

Circuit Application

Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

**Packaging Features**

Packaging Method

Bulk

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)

Candidate List Declared Against: JAN 2021 (211)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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 # 1-1630027-0  
Power Resistors: Aluminium Housed,  
HSC



TE Part # 1487595-2  
USB, A-B, 28/26, BLACK, 1.3M



TE Part # 1650589-1  
903-19-02113=SCREW,SHOULDER,M4



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

## 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