

53887-1 ✓ ACTIVE

AMP

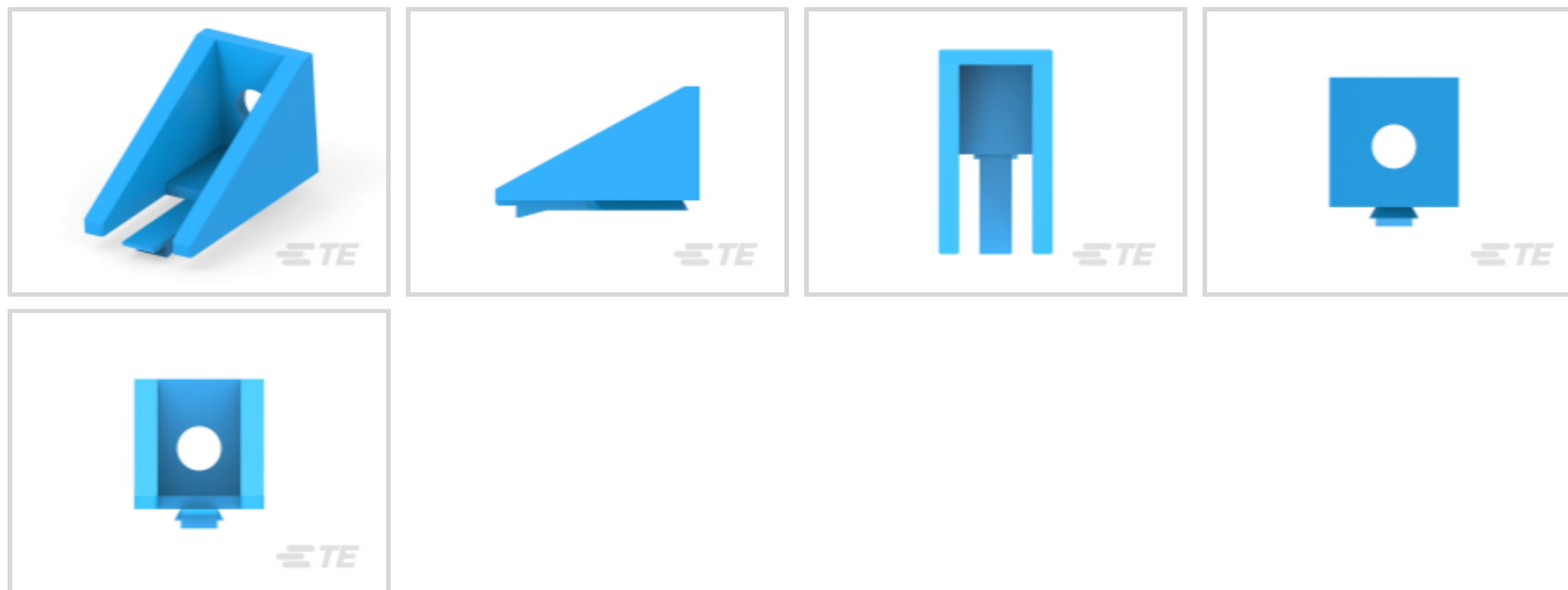
TE Internal #: 53887-1

Rectangular Connector Adapters, Adapter, 600 VAC, 600 VDC, UL 94V-2, Wire-to-Wire, 1 Position, .625 in [15.87 mm] Centerline, Wire & Cable, Power

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Accessories > Rectangular Connector Adapters



Rectangular Connector Adapter Type: **Adapter**

Operating Voltage: **600 VDC**

UL Flammability Rating: **UL 94V-2**

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

## Features

### Product Type Features

|                                    |              |
|------------------------------------|--------------|
| Rectangular Connector Adapter Type | Adapter      |
| Connector System                   | Wire-to-Wire |
| Sealable                           | No           |
| Connector & Contact Terminates To  | Wire & Cable |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

### Body Features

|          |               |
|----------|---------------|
| Color    | Blue          |
| Material | Polycarbonate |

### Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 53 A |
|------------------------------|------|

### Mechanical Attachment



|                     |         |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

### Housing Features

|                    |                    |
|--------------------|--------------------|
| Centerline (Pitch) | 15.87 mm [.625 in] |
|--------------------|--------------------|

### Dimensions

|        |                    |
|--------|--------------------|
| Length | 27.43 mm [1.08 in] |
|--------|--------------------|

|        |                  |
|--------|------------------|
| Height | 15.24 mm [.6 in] |
|--------|------------------|

|       |                  |
|-------|------------------|
| Width | 15.24 mm [.6 in] |
|-------|------------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 85 °C [-67 – 185 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 200 |
|--------------------|-----|

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

### 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 2022 (224)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Not Yet Reviewed |
|--|--|

|                 |  |
|-----------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

|                           |  |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

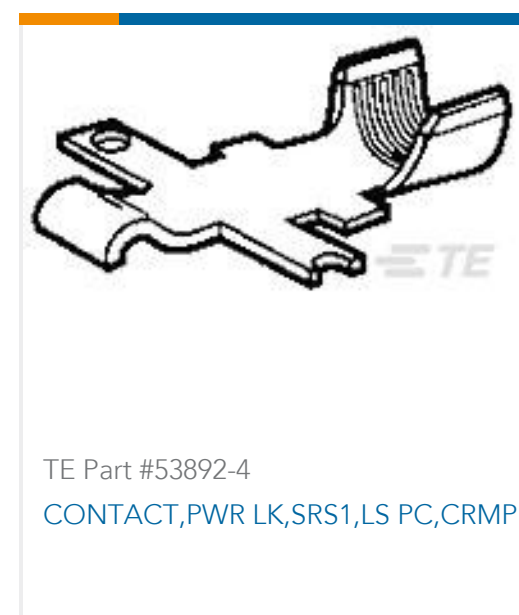
Product Compliance Disclaimer

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



## Customers Also Bought





## Documents

### Product Drawings

[PNL MT ADAPTER,MALE,POWER LOCK](#)

English

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53887-1\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53887-1\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53887-1\\_N.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53887-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53887-1\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53887-1\\_D.2d\\_dxf.zip](#)

English

#### 3D PDF

English

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

### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese

[Power-Lock 75 Series Contacts](#)



Japanese

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**Product Environmental Compliance**

**TE Material Declaration**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Power Lock Connectors (Series II) (Accept Contacts 53880 and 54330)**

English