



**Commercial Pin and Socket Connectors**

TE Internal #: 770092-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 9 Position, 5.03 mm [.198 in] Centerline, Commercial Pin and Socket Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **5.03 mm [.198 in]**

**Features**

**Product Type Features**

|                                   |              |
|-----------------------------------|--------------|
| Rectangular Power Connector Type  | Housing      |
| Connector & Housing Type          | Receptacle   |
| Connector System                  | Wire-to-Wire |
| Sealable                          | No           |
| Connector & Contact Terminates To | Wire & Cable |

**Configuration Features**

|                            |   |
|----------------------------|---|
| Number of Positions        | 9 |
| Number of Signal Positions | 9 |
| Number of Rows             | 3 |

**Electrical Characteristics**

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

**Contact Features**

|                                  |         |
|----------------------------------|---------|
| Contact Layout                   | Matrix  |
| Contact Retention Within Housing | Without |



|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Panel Mount Feature     | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                   |
|--------------------|-------------------|
| Centerline (Pitch) | 5.03 mm [.198 in] |
| Housing Color      | Natural           |
| Housing Material   | Nylon 6/6         |

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Row-to-Row Spacing | 5.03 mm [.198 in] |
| Height             | 16.89 mm          |
| Width              | 16.13 mm          |
| Length             | 25.4 mm           |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| CSA Rating             | Certified                     |
| UL Flammability Rating | UL 94V-2                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Rating              | Recognized                    |
| Agency/Standard Number | E28476                        |
| CSA File Number        | LR7189                        |
| Agency/Standard        | CSA, UL                       |

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 1       |

### Other

For Use With

Plug Housing

## 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)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

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 # 770530-1  
.093 COMM P&S PIN 14-20 PTPBR



TE Part # 350415-1  
.093 COMM P&S SOK 14-20 PTPBR



TE Part # 350418-1  
.093 COMM P&S PIN 18-24 PTPBR



TE Part # 350417-1  
.093 COMM P&S SOK 18-24 PTPBR



TE Part # 350415-5  
.093 COMM P&S SOK 20-14 AUBR



TE Part # 770095-1  
09P .093 COMM P&S PLUG



TE Part # 770145-1  
.093 COMM P&S PIN PTPBR LP



TE Part # 770146-1  
.093 CP&S SOK PTPBR LP 24-18



TE Part # 350416-5  
.093 COMM P&S PIN AU/NI/BR



TE Part # 770093-1  
09P .093 COMM P&S RECPT



TE Part # 770144-1  
.093 CP&S SOK PTPBR L/P 20-14



TE Part # 770144-5  
.093 CP&S SOC AUBR L/P 20-14



TE Part # 350415-6  
.093 COMM P&S SOK 14-20 PTPHBZ



TE Part # 350417-5  
.093 COMM P&S SOK AU/NI/BR




TE Part # 770145-5  
.093 CP&S PIN AUBR LP 20-14



TE Part # 770146-5  
.093 CP&S SOK AUBR LP 24-18


Also in the Series | Commercial Pin and Socket Connectors




Connector Contacts(3)



Crimp Wire Pins, Tabs & Ferrules(1)



Insertion & Extraction Tools(3)



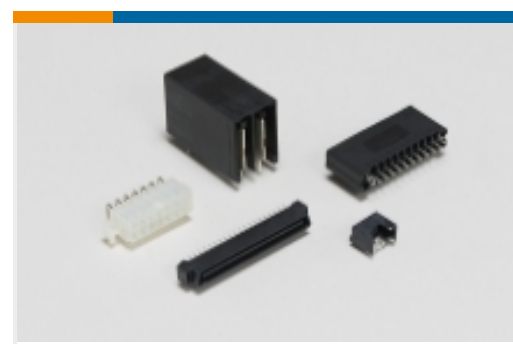
Power Contacts(40)



Rectangular Connector Housings(11)



Rectangular Power Connectors(88)



Standard Rectangular Connectors(4)

## Documents

### Product Drawings

[09P .093 COMM P&S RECPT HSG](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_770092-1\\_L.2d\\_dxf.zip](#)

English

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[ENG\\_CVM\\_CVM\\_770092-1\\_L.3d\\_igs.zip](#)

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

### Product Specifications

[Application Specification](#)



English

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[Agency Approvals](#)

[UL Report](#)

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