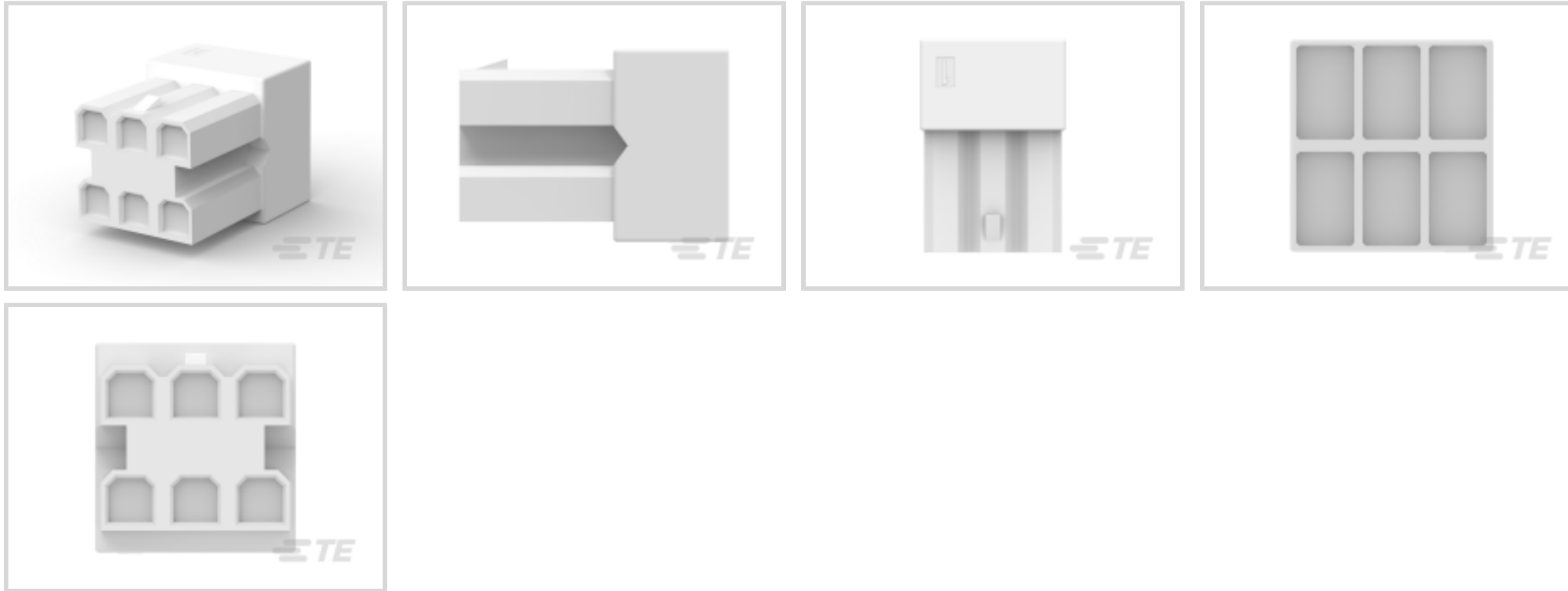




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **7.92 mm [.312 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 | 6 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 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) | 7.92 mm [.312 in] |
| Housing Color | Natural |
| Housing Material | Nylon GF |

Dimensions

| | |
|--------------------|-----------------|
| Row-to-Row Spacing | 12.7 mm [.5 in] |
|--------------------|-----------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|---------------------------------------------|-------------------------------|
| CSA Rating | Certified, LR 7189 |
| UL Rating | Recognized |
| Compatible With Agency/Standards Products | CSA, UL |
| Compatible With Approved Standards Products | UL E28476 |
| UL Flammability Rating | UL 94V-2 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # 770144-1 .093 CP&S SOK PTPBR L/P 20-14 |  TE Part # 770361-1 06P .093 COMM P&S PLUG .250CL |  TE Part # 770147-1 .093 CP&S PIN PTPBR LP 24-18 |  TE Part # 770090-1 06P .093 COMM P&S PLUG HSG |
|  TE Part # 770087-1 06P .093 COMM P&S RECPT HSG |  TE Part # 770086-1 06P .093 COMM P&S RECPT HSG |  TE Part # 350416-1 .093 COMM P&S PIN 14-20 PTPBR |  TE Part # 770529-1 .093 COMM P&S SOK 14-20 PTPBR |




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



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



TE Part # 770088-1
06P .093 COMM P&S RECPT HSG



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 # 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 # 350418-5
.093 COMM P&S PIN AU/NI/BR


Also in the Series | Commercial Pin and Socket Connectors




Connector Contacts(41)




Insertion & Extraction Tools(3)



Rectangular Connector Housings(10)

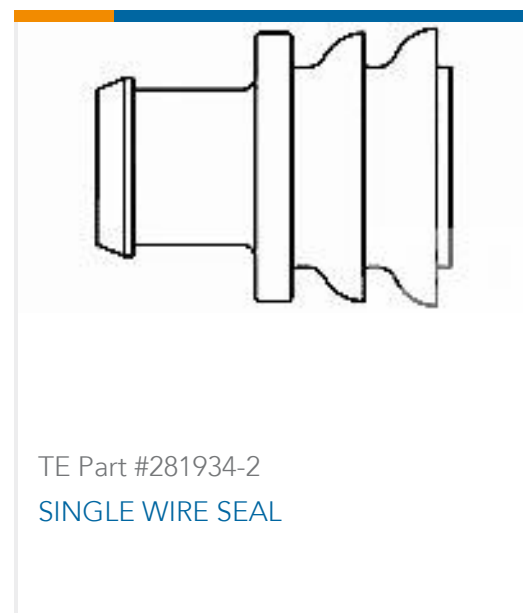


Rectangular Power Connectors(84)



Standard Circular Connectors(1)

Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_770812-1_P_c-770812-1-p.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770812-1_P_c-770812-1-p.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770812-1_P_c-770812-1-p.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

Agency Approvals

CSA Certificate

English