# 770812-1 ✔ ACTIVE

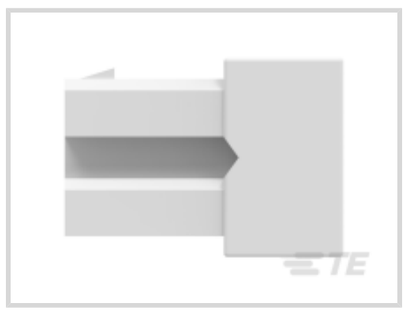
## Commercial Pin and Socket Connectors

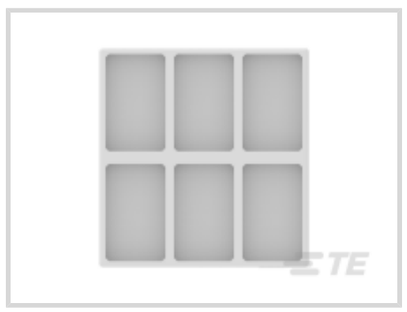
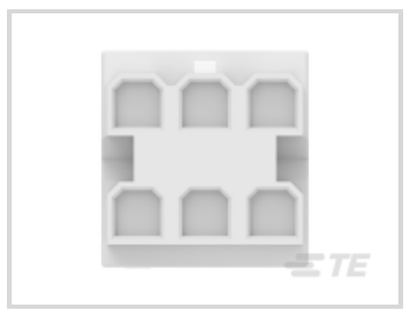
TE Internal #: 770812-1

6 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-2, 7.92 mm [.312 in] Centerline, 2 Row, 600 VAC, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product 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 |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

### 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 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

| | |
|---|---|
| Compatible With Agency/Standards Products | CSA, UL |
| UL Rating | Recognized |
| Compatible With Approved Standards Products | UL E28476 |
| CSA Rating | Certified, LR 7189 |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

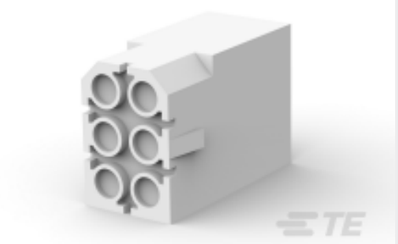
Product Compliance Disclaimer

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

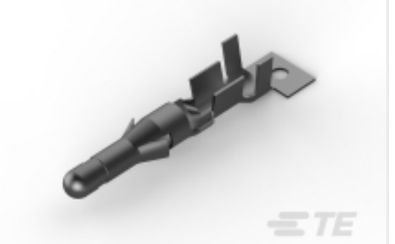
## Compatible Parts



TE Part # 770361-1
06P .093 COMM P&S PLUG .250CL



TE Part # 770360-1
06P .093 COMM P&S RECPT .250CL



TE Part # 350416-1
.093 COMM P&S PIN 14-20 PTPBR



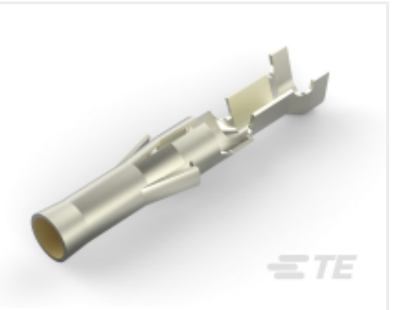
TE Part # 350417-1
.093 COMM P&S SOK 18-24 PTPBR



TE Part # 770144-6
.093 CP&S SOC PTPPHBZ LP 20-14



TE Part # 770086-1
06P .093 COMM P&S RECPT HSG



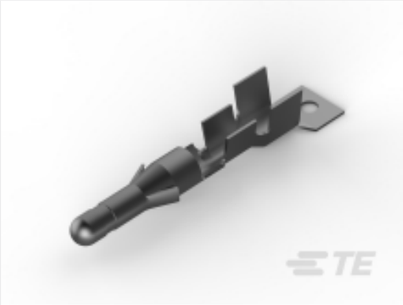
TE Part # 350417-5
.093 COMM P&S SOK AU/NI/BR



TE Part # 770815-1
.093 COMM P&S SOCKET



TE Part # 770090-1
06P .093 COMM P&S PLUG HSG



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



TE Part # 770529-1
.093 COMM P&S SOK 14-20 PTPBR



TE Part # 770147-1
.093 CP&S PIN PTPBR LP 24-18



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



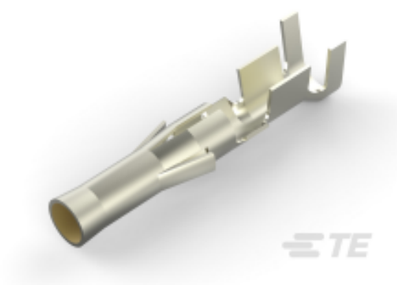
TE Part # 350416-5
.093 COMM P&S PIN AU/NI/BR



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



TE Part # 770087-1
06P .093 COMM P&S RECPT HSG



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



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



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



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

## Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(41)



Insertion & Extraction Tools(3)



Power Contacts(39)



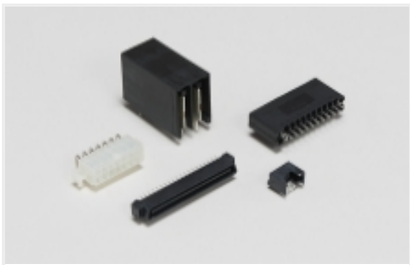
Rectangular Connector Housings(94)



Rectangular Power Connectors(94)



Standard Circular Connectors(1)



Standard Rectangular Connectors(94)

## Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



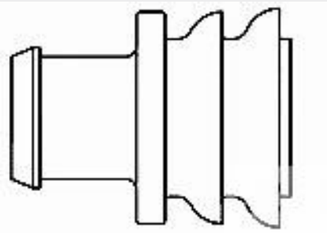
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

## 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