# 350415-1 ✔ ACTIVE

Commercial Pin and Socket Connectors

TE Internal #: 350415-1

Tin (Sn), Socket Contact, 20 – 14 AWG, 250 VAC / 600 VAC, .5 – 2 mm² Wire, Locking Lance Contact Retention, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VAC, 600 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

| | |
|---|---|
| Discrete Wire Type | Stranded |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC, 600 VAC |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin (Sn) |
| Wire Contact Termination Area Plating Material | Pre-Tin |
| Contact Retention Within Housing | With |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 13 A |
| Mating Pin Diameter | 2.36 mm[.093 in] |
| Wire Contact Termination Area Plating Thickness | .4 µm[15.74 µin] |
| Contact Orientation | Straight |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Contact Retention Type Within Housing | Locking Lance |
| Wire Insulation Support | Without |

### Dimensions

| | |
|---|---|
| Wire Size | .5 – 2 mm² |
| Compatible Insulation Diameter Range | 3.56 mm[.14 in] |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | CSA, UL |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 4000 |
| Packaging Method | Reel |

## 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

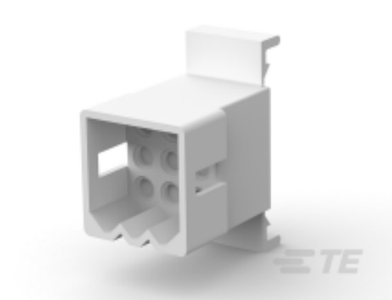
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2151373-2
OCEAN_2.0_Applicator-S-090F130F-RSA

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

TE Part # 770066-1
02P .093 COMM P&S RECPT .248CL



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

TE Part # 770074-1
03P .093 COMM P&S PLUG HSG

TE Part # 770077-1
04P .093 COMM P&S PLUG HSG

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

TE Part # 770424-1
02P.093 COMM P&S RCPT .248CL

TE Part # 770329-1
04P .093 COMM P&S RECPT .250CL

TE Part # 770782-1
06P .093 COMM P&S RECPT

TE Part # 770068-1
02P .093 COMM P&S PLUG .248CL

TE Part # 770069-1
02P .093 COMM P&S PLUG .248CL

TE Part # 770099-1
12P .093 COMM P&S RECPT

TE Part # 770107-1
15P .093 COMM P&S PLUG

TE Part # 770812-1
06P .093 RCPT, COMPNT HOOK-UP

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

TE Part # 770425-3
02P .093 COMM P&S PLUG .248CL GW

TE Part # 2151373-1
OCEAN_2.0_Applicator-S-090F130F-RSM

TE Part # 770337-1
04P .093 COMM P&S RECPT .250CL

TE Part # 770065-1
02P .093 COMM P&S RECPT .248CL

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

Connector Contacts(41)

Insertion & Extraction Tools(3)

Power Contacts(39)

Rectangular Connector Housings(94)

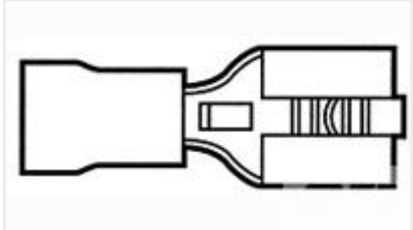
Rectangular Power Connectors(94)

Standard Circular Connectors(1)

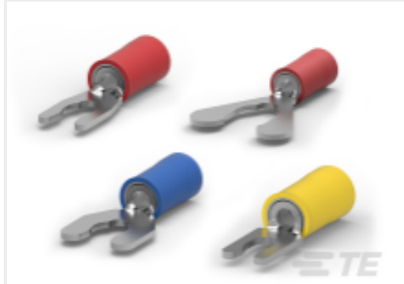
Standard Rectangular Connectors(94)

## Customers Also Bought

TE Part #505874P042
VERSAFIT-1/4-0-0.9375IN



TE Part #42844-3
RECEPT,PIDG FASTON 14-12 250



TE Part #CAT-P592-SH816
PIDG Short Spring Spade Tongue Terminals

TE Part #60274-2
250 FASTON FLAG REC 18-12 AWG TPBZ

TE Part #62109-1
250 FASTON REC 18-14 AWG BR

TE Part #63445-2
250 FASTON FLAG REC 18-12 AWG TPBR

TE Part #63854-1
250 PL MKIII REC. 18-14AWG BR

TE Part #202169-1
M-SERIES HALF SHIELD KIT

TE Part #1-322249-9

PG SPD FLG 22-16COMM22-18MIL 8

## Documents

### Product Drawings

.093 COMM P&S SOK 14-20 PTPBR

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_350415-1_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_350415-1_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_350415-1_AL.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350415-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350415-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350415-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

### Product Specifications

Application Specification

English

## Agency Approvals

### CSA Certificate

English