

770785-1 ✓ ACTIVE

## Commercial Pin and Socket Connectors

TE Internal #: 770785-1

Rectangular Connector Housings, Wire-to-Wire, 3 Position, .248 in [6.3 mm] Centerline, 1 Row, Nylon 6/6, Commercial Pin and Socket Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **3**

Centerline (Pitch): **6.3 mm [ .248 in ]**

Number of Rows: **1**

Housing Material: **Nylon 6/6**

### Features

#### Product Type Features

Insertion Force Type	Low Insertion Force (LIF)
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector

#### Configuration Features

Number of Positions	3
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	600 VAC
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#### Contact Features

Contact Layout	Inline
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Contact Type	Pin, Socket
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### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	6.3 mm [.248 in]
Housing Material	Nylon 6/6
Housing Color	Natural

### Dimensions

Length	19.94 mm
Width	6.48 mm

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
For Use With	Plug Housing

### Industry Standards

CSA Rating	LR 7189
Agency/Standard	CSA, UL
CSA File Number	LR7189
UL File Number	E28476
UL Flammability Rating	UL 94V-2
UL Rating	Recognized

### Packaging Features

Packaging Quantity	1
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 2022  
(224)Candidate List Declared Against: JUNE  
2022 (224)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in  
other sources.

Solder Process Capability

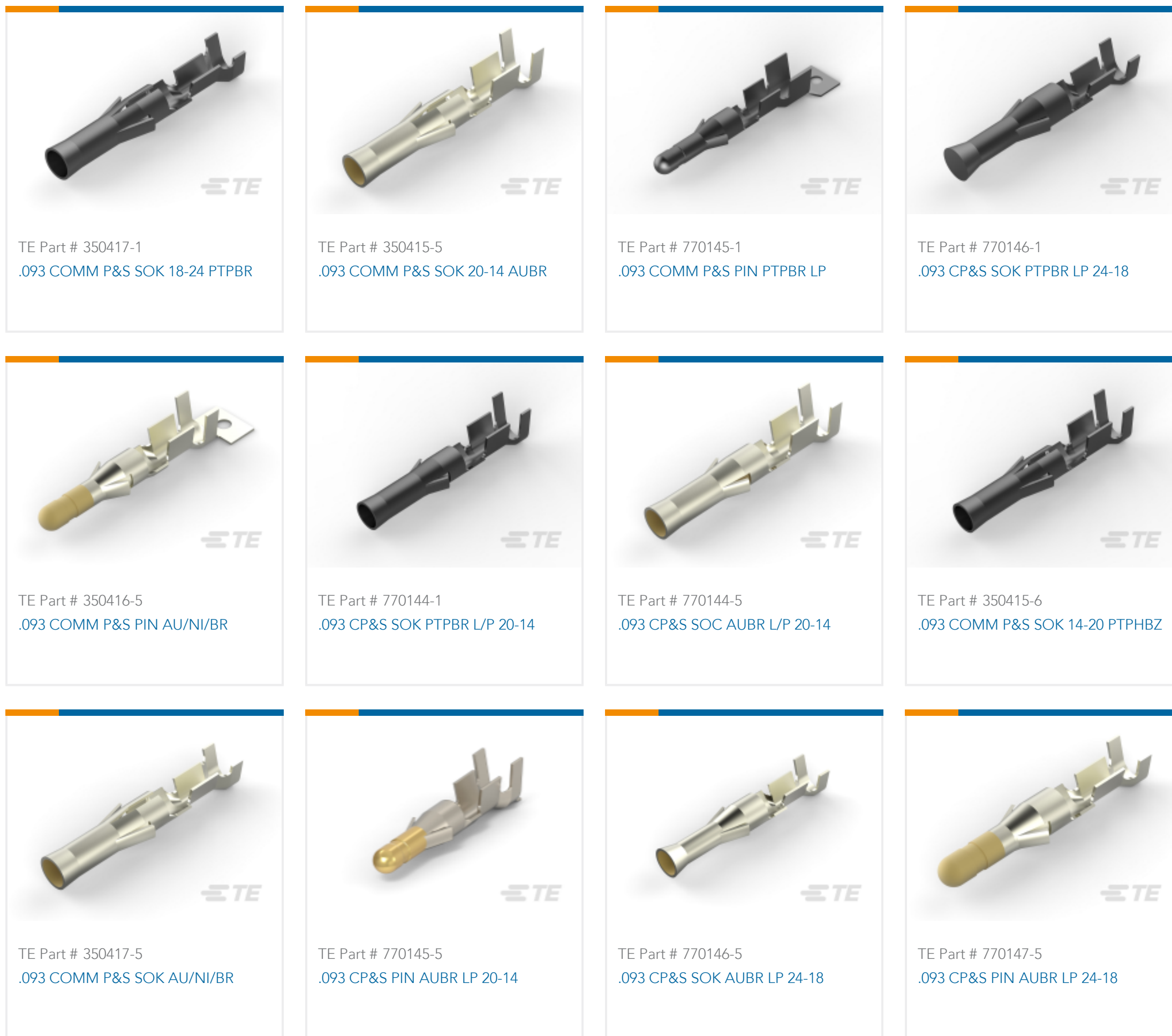
Not applicable for solder process capability

## Product Compliance Disclaimer

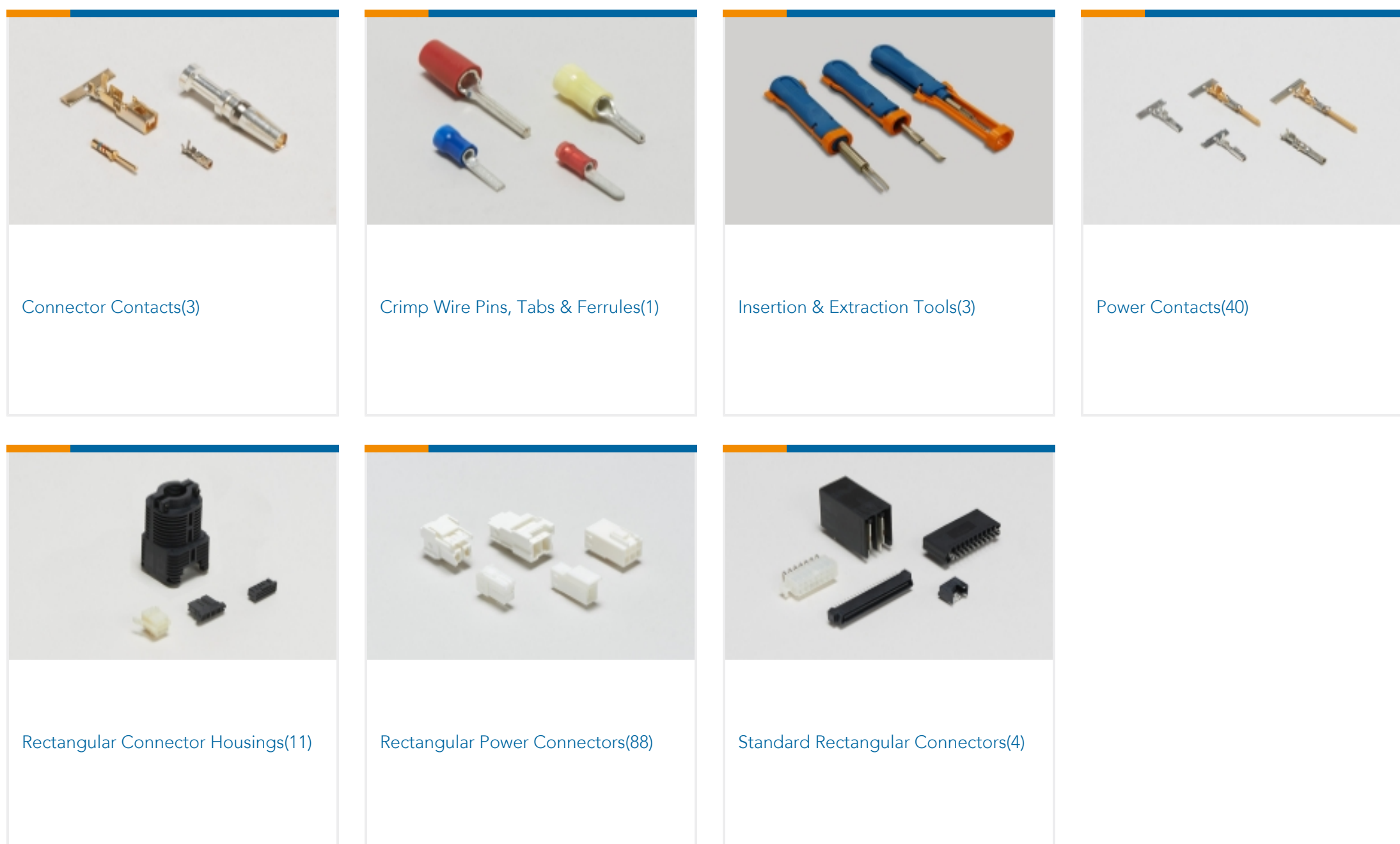
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 770276-1  
.03P .093 COMM P&S PLUG .250CLTE Part # 770147-1  
.093 CP&S PIN PTPBR LP 24-18TE Part # 770339-1  
.03P .093 COMM P&S RECPT .250CLTE Part # 350416-1  
.093 COMM P&S PIN 14-20 PTPBRTE Part # 770529-1  
.093 COMM P&S SOK 14-20 PTPBRTE Part # 770530-1  
.093 COMM P&S PIN 14-20 PTPBRTE Part # 350415-1  
.093 COMM P&S SOK 14-20 PTPBRTE Part # 350418-1  
.093 COMM P&S PIN 18-24 PTPBR



Also in the Series | Commercial Pin and Socket Connectors



Documents



### Product Drawings

[03P .093 COMM P&S RECPT .248CL](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_770785-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_770785-1\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_770785-1\\_D.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English

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### Agency Approvals

[UL Report](#)

English