



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: **2**

Centerline (Pitch): **6.3 mm [.248 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	2
Number of Signal Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without



Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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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 Color	Natural
Housing Material	Nylon 6/6

Dimensions

Connector Height	13.72 mm
Product Width	6.48 mm
Product Length	28.58 mm

Usage Conditions

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

Circuit Application	Power & Signal
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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 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 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 # 770147-1
.093 CP&S PIN PTPBR LP 24-18

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

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

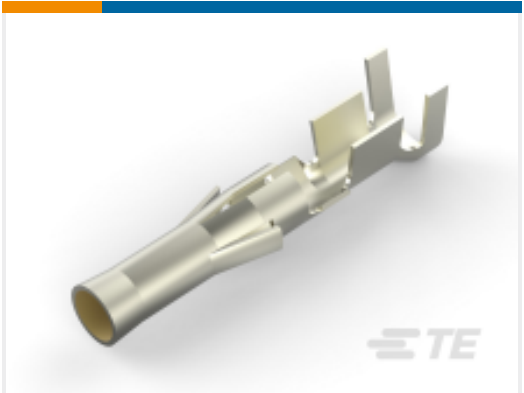
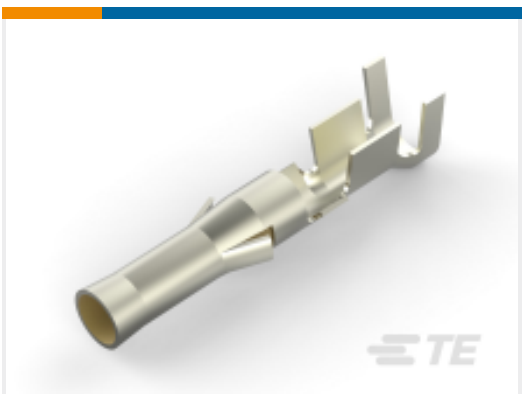
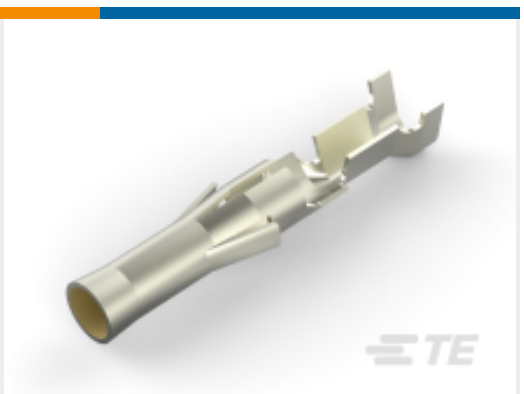
TE Part # 770425-1
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TE Part # 770069-1
02P .093 COMM P&S PLUG .248CL

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

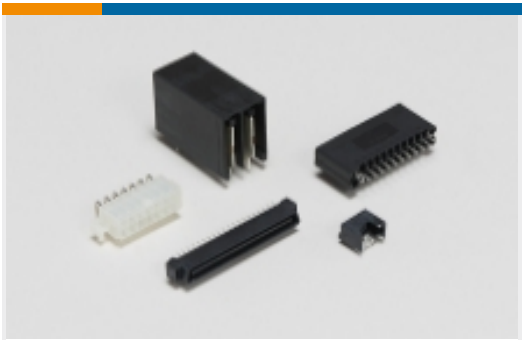
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02P .093 COMM P&S RECPT .248CL



 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 # 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 # 770146-1 .093 CP&S SOK PTPBR LP 24-18	 TE Part # 350416-5 .093 COMM P&S PIN AU/NI/BR
 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 # 770145-1 .093 COMM P&S PIN PTPBR LP

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 Rectangular Connectors(1)			

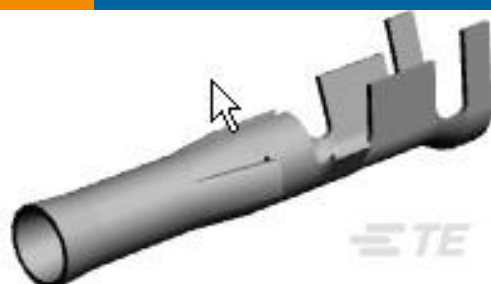
Customers Also Bought



TE Part #9-160463-2
FASTON, PGYBCK, PIDG, BRASS, .250, 16-14



TE Part #3-520410-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



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



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



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



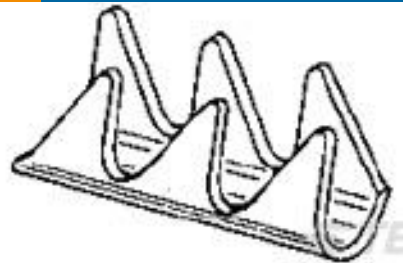
TE Part #770146-1
.093 CP&S SOK PTPBR LP 24-18



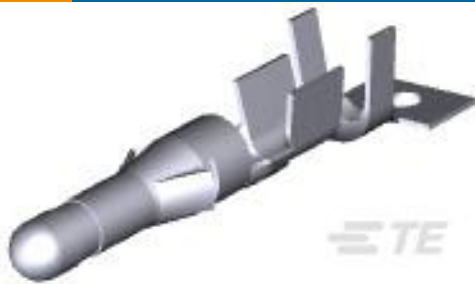
TE Part #770843-1
04P .093 COMM P&S RECPT



TE Part #187752-000
CR-107-LSR



TE Part #925856-1
WIRE PIN 15.5-13.5 AWG .01 PTPB



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

Documents

Product Drawings

02P .093 COMM P&S RECPT .248CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770266-1_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770266-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770266-1_M.3d_stp.zip

English

Customer View Model

ENG_CVM_770266-1_H.3d_igs.zip

English



Customer View Model

ENG_CVM_770266-1_H.3d_stp.zip

English

Customer View Model

ENG_CVM_770266-1_H.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English