770095-1 ✔ ACTIVE

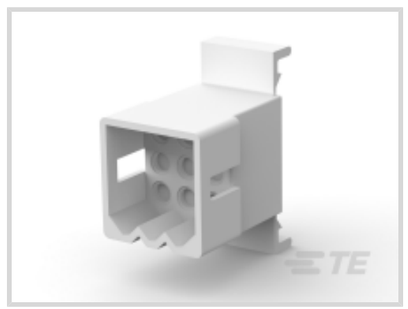
Commercial Pin and Socket Connectors

TE Internal #: 770095-1

Commercial Pin and Socket Connectors, Rectangular Power Connectors, Housing, Plug, Wire-to-Panel / Wire-to-Wire, 9 Position

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **9**

Centerline (Pitch): **5.03 mm [.198 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Signal Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without

Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5.03 mm[.198 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Row-to-Row Spacing	5.03 mm[.198 in]
Width	18.67 mm
Panel Thickness	2.29 mm[.09 in]
Height	33.78 mm
Length	29.21 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Receptacle Housing

Product Compliance

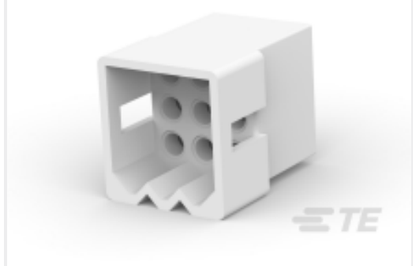
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 770096-1
09P .093 COMM P&S PLUG



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 # 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 # 770092-1
09P .093 COMM P&S RECPT HSG



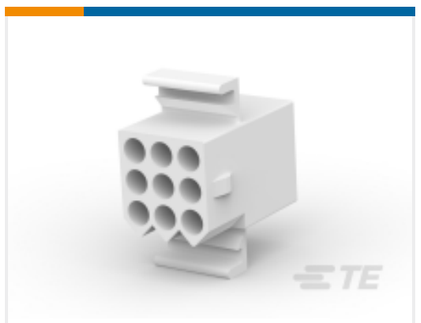
TE Part # 770145-1
.093 COMM P&S PIN PTPBR LP



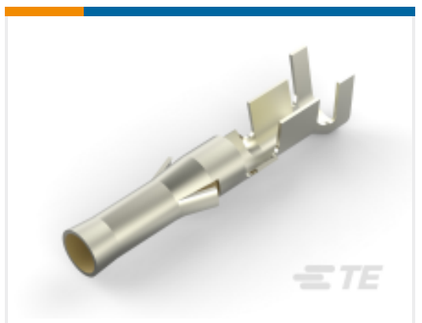
TE Part # 770146-1
.093 CP&S SOK PTPBR LP 24-18



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



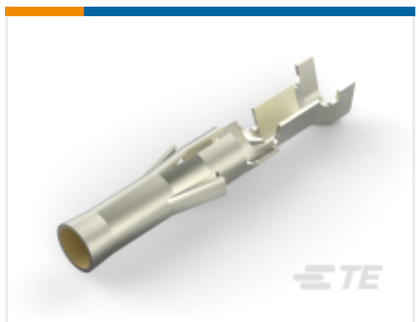
TE Part # 770093-1
09P .093 COMM P&S RECPT



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



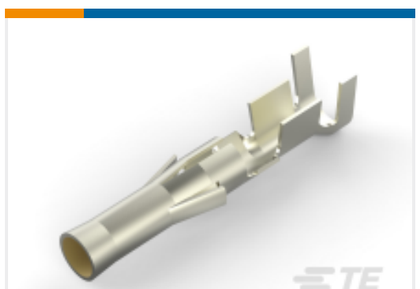
TE Part # 350415-1
.093 COMM P&S SOK 14-20 PTPBR



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 # 770145-5
.093 CP&S PIN AUBR LP 20-14



TE Part # 770146-5
.093 CP&S SOK AUBR LP 24-18

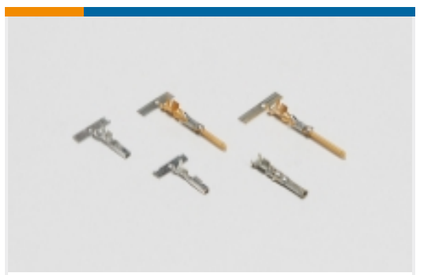
Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(3)



Insertion & Extraction Tools(3)



Power Contacts(39)



Rectangular Connector Housings(11)



Rectangular Power Connectors(88)



Standard Rectangular Connectors(4)

Customers Also Bought



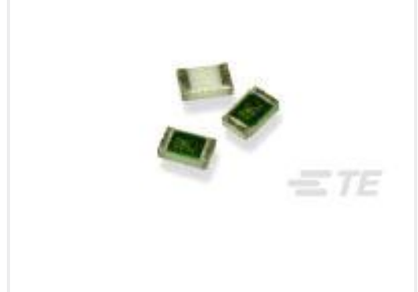
TE Part #1-770849-7

3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156



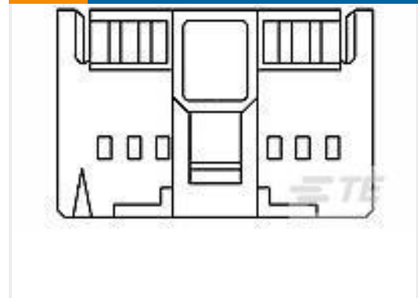
TE Part #194243-1

AMPOWER HOUSING,RCPT,43 POS



TE Part #1614920-2

CPF0805 33K 0.1% 25PPM 5K RL



TE Part #103681-5

16 MTE COUPLING SHRD DR



TE Part #103648-3

04 MTE RCPT HSG SR RIB .100CL



TE Part #2-1445091-5

MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1393531-5

V23535A3280C 61=BKMOD422FEDERL



TE Part #1-846290-1

LGH-4 LEAD ELECT SGL MLD END

TE Part #DT4P-BT-BK

BOOT, 4P, REC, ST, BLK

Documents

Product Drawings

09P .093 COMM P&S PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_770095-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_770095-1_G.3d_stp.zip

English

Customer View Model

ENG_CVM_770095-1_G.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_770095-1_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770095-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770095-1_S.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

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