770538-1 ✔ ACTIVE

Commercial Pin and Socket Connectors

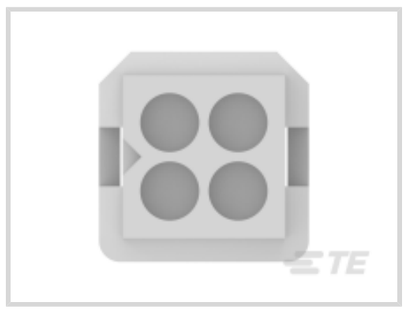
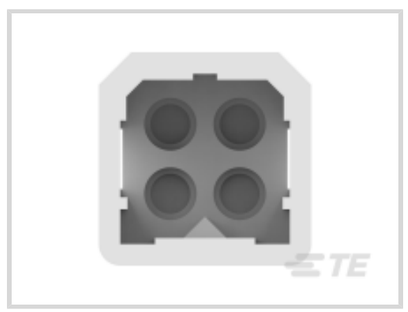
TE Internal #: 770538-1

4 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-2, 3.68 mm [.145 in] Centerline, 2 Row, 250 VAC, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	2
Number of Signal Positions	4

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	Without
Contact Type	Pin

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)	3.68 mm[.145 in]
Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Connector Width	11.3 mm[.445 in]
Connector Height	11.3 mm[.445 in]
Connector Length	26.49 mm[1.043 in]
Row-to-Row Spacing	3.68 mm[.145 in]
Wire Size	394.71 – 1776.17 CMA

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 Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
Packaging Method	Box

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) Candidate List Declared Against: JUNE 2025 (250) 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 # 350629-1
.062 COMM P&S PIN 18-24 PTPBR



TE Part # 794016-1
.062 CP&S SOK PTPBR L/P 24-18



TE Part # 794019-1
.062 CP&S SOK PTPBR L/P 30-24



TE Part # 350628-8
.062 CP&S SOK 18-24 PTPBR PLST



TE Part # 770983-1
.062 COMM P&S PIN 18-24 PTPBR



TE Part # 640391-1
.062 COMM P&S PIN 24-30 PTPBR



TE Part # 640392-1
.062 COMM P&S SOK 24-30 PTPBR



TE Part # 794103-1
.062 COMM P&S LANCELESS SCKT



TE Part # 770441-1
04P .062 COMM P&S RECPT



TE Part # 350628-1
.062 COMM P&S SOK 18-24 PTPBR



TE Part # 794046-1
.062 COMM P&S SOK 24-30 PTPBR

Also in the Series | Commercial Pin and Socket Connectors



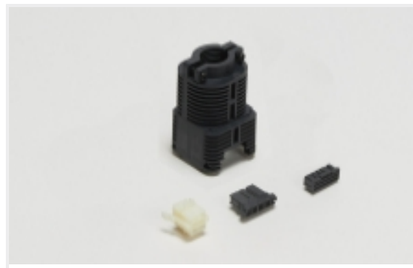
Connector Contacts(41)



Insertion & Extraction Tools(3)



Power Contacts(39)



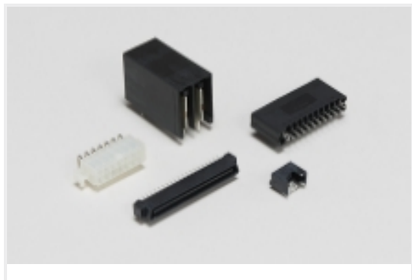
Rectangular Connector Housings(94)



Rectangular Power Connectors(94)



Standard Circular Connectors(1)



Standard Rectangular Connectors(94)

Customers Also Bought



TE Part #60650-1
250 FASTON FLAG REC 18-14 AWG BR



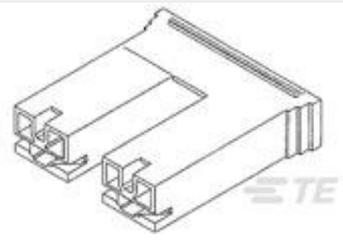
TE Part #5-177901-1
POWER DBL LOCK PLUG HSG 6P (GWT)



TE Part #179466-1
AMP POWER DBL LOCK CAP HSG 6P



TE Part #5-179466-1
AMP POWER DBL LOCK CAP HSG 6P (GWT)



TE Part #1-520935-2
PL 250 HOUSING REC RED 6/6 NYLON V2



TE Part #794761-1
09P UMNL CAP HSG WHTE,P/MT,V0

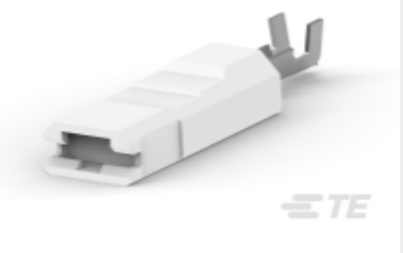
TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL



TE Part #1969608-4
4P VAL-U-LOK TPA 22-18 AWG



TE Part #1969881-1
06P UMNL CAP HSG, P/M, GW V0



TE Part #520988-3
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR

Documents

Product Drawings

04P .062 COMM P&S PLUG

English

CAD Files

Customer View Model

ENG_CVM_770538-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_770538-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_770538-1_B1.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770538-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770538-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770538-1_D.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English