794018-1 ✔ ACTIVE

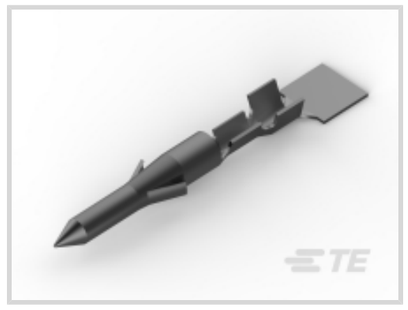
Commercial Pin and Socket Connectors

TE Internal #: 794018-1

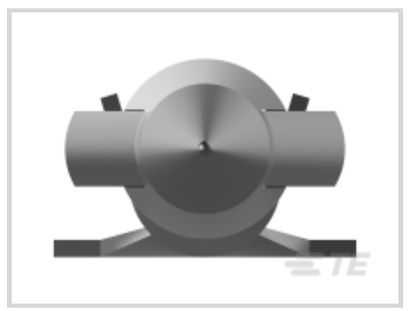
Pin Contact, Tin, 250 VAC, 30 – 24 AWG Wire Size, .05 – .2 mm² Wire Size, Crimp, Brass, Power, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Fabrication	Stamped & Formed
Mating Pin Diameter	1.57 mm[.062 in]
Wire Contact Termination Area Plating Thickness	.4 – 3.5 µm[15.75 – 137.8 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	9 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Compatible Insulation Diameter Range	1.52 mm[.06 in]
Wire Size	.05 – .2 mm²

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	1000
Packaging Method	Bag

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 770278-1
01P .062 COMM P&S PLUG



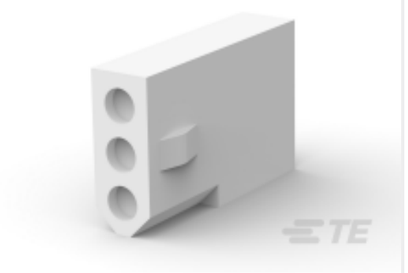
TE Part # 770334-1
04P .062 COMM P&S PLUG



TE Part # 770277-1
01P .062 COMM P&S RECPT



TE Part # 770335-1
04P .062 COMM P&S RECPT



TE Part # 770333-1
03P .062 COMM P&S RECPT



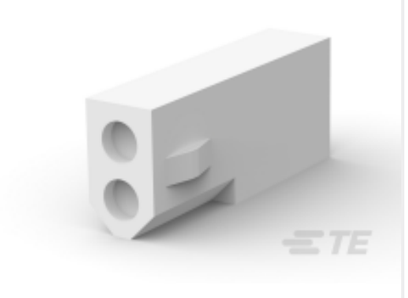
TE Part # 770340-1
02P .062 COMM P&S PLUG



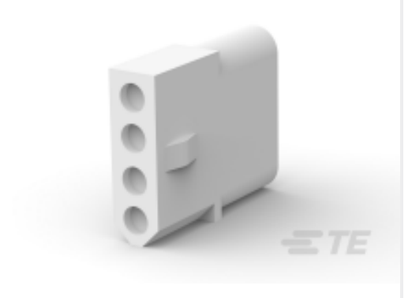
TE Part # 770343-1
02P .062 COMM P&S RECPT



TE Part # 770331-1
03P .062 COMM P&S PLUG



TE Part # 770342-1
02P .062 COMM P&S RECPT



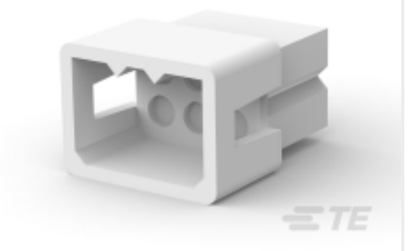
TE Part # 770274-1
04P .062 COMM P&S RECPT



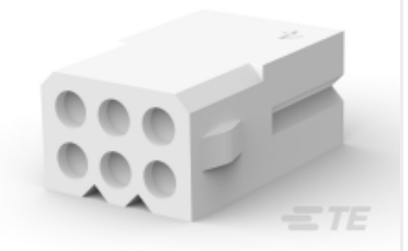
TE Part # 770275-1
04P .062 COMM P&S PLUG



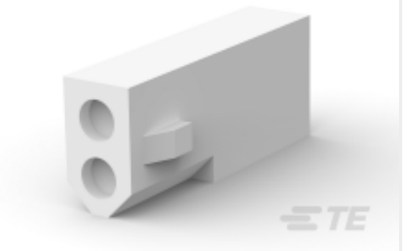
TE Part # 770341-1
02P .062 COMM P&S PLUG



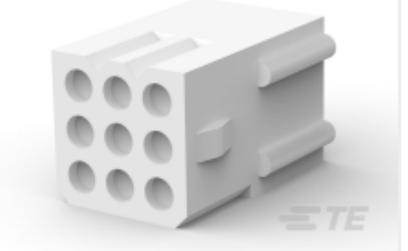
TE Part # 770355-1
06P .062 COMM P&S PLUG



TE Part # 770356-1
06P .062 COMM P&S RECPT



TE Part # 770419-1
02P .062 COMM P&S RECPT



TE Part # 770429-1
09P .062 COMM P&S RECEPT



TE Part # 770433-1
04P .062 COMM P&S PLUG



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



TE Part # 770442-1
04P .062 COMM P&S RECPT



TE Part # 770443-1
04P .062 COMM P&S PLUG

Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(41)



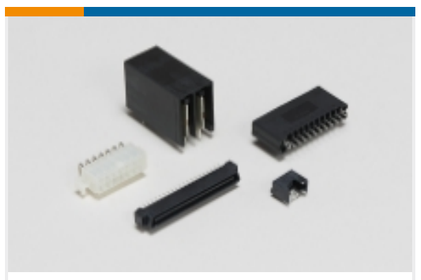
Insertion & Extraction Tools(3)



Rectangular Connector Housings(10)



Rectangular Power Connectors(84)



Standard Rectangular Connectors(1)

Customers Also Bought



TE Part #748364-1
15 HD22 CRIMP SNAP PLUG



TE Part #440055-2
2.0MM,HDR,2POS,R/A



TE Part #5520257-2
MJ,TE,4P,PNL STOPS



TE Part #1445022-6
MICRO MNL RFECEPT HSG SINGLE R



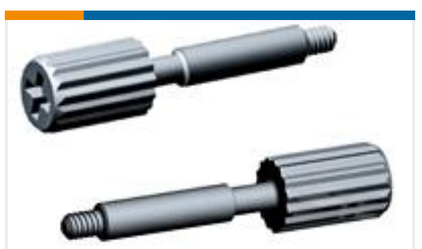
TE Part #5520258-2
MJ,TE,6P/4C,PNL STOPS,TRAY P



TE Part #770433-1
04P .062 COMM P&S PLUG



TE Part #2-6609129-2
5EFM1C=F8106



TE Part #748627-2
SHLD JACKSCREW,PLTD



TE Part #F01399-001
URHR-3

Documents

Product Drawings

.062 CP&S PIN PTPBR L/P 30-24

English

CAD Files

Customer View Model

ENG_CVM_794018-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_794018-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_794018-1_O.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English