770341-1 ✔ ACTIVE

Commercial Pin and Socket Connectors

TE Internal #: 770341-1

Commercial Pin and Socket Connectors, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2 Position, 3.68mm [.145in] Centerline, Wire & Cable

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-Wire**

Number of Positions: **2**

Centerline (Pitch): **3.68 mm [.145 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
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	250 VDC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
Wire/Cable Type	Discrete Wire

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.68 mm[.145 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Wire Size	394.71 – 1776.17 CMA
Row-to-Row Spacing	3.68 mm[.145 in]
Width	11.18 mm[.44 in]
Accepts Wire Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Height	7.6 mm[.299 in]
Length	19.81 mm[.78 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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
VDE Tested	No

Packaging Features

Packaging Method	Box
Packaging Quantity	1

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	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 # 794017-1
.062 CP&S PIN PTPBR L/P 24-18



TE Part # 350629-5
.062 COMM P&S PIN AUNI/BR



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



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



TE Part # 350628-5
.062 COMM P&S SOK AUNI/BR



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



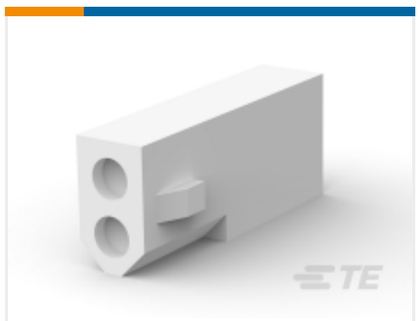
TE Part # 350629-1
.062 COMM P&S PIN 18-24 PTPBR



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



TE Part # 350629-8
.062 COMM P&S PIN PRE TIN/PHBZ



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



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 # 350628-2
.062 COMM P&S SOK PTPPHBZ



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



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



TE Part # 350628-6
.062 COMM P&S SOK AUNI/PHBZ



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



TE Part # 640392-2
.062 COMM P&S SOK 24-30PTPPHBZ



TE Part # 794018-1
.062 CP&S PIN PTPBR L/P 30-24



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

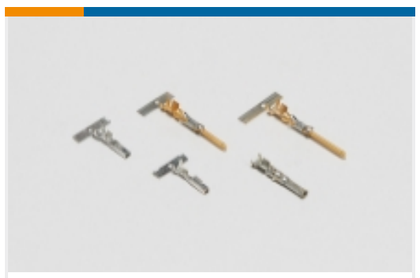
Also in the Series | Commercial Pin and Socket Connectors



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 #1-440146-5
1.25mm WTB Socket,Housing,15p



TE Part #859526-4
4 CAV FLANGED RECEPT KIT



TE Part #1776296-8
TSB5000831DS=EUROPA T-BLK,10MM



TE Part #1-1564526-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS



TE Part #1564562-1
HEAVY DUTY CONNECTORS FIXING SLIDES



TE Part #1062-20-0144
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #1-1904045-6
V23333Z0001B046-EV-100



TE Part #213500-3
RECPT HSG,8 POWER,METRIMATE

Documents

Product Drawings

02P .062 COMM P&S PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_770341-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_770341-1_E.3d_stp.zip

English

Customer View Model

ENG_CVM_770341-1_E.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_770341-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770341-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770341-1_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English