770427-1 ✔ ACTIVE

Commercial Pin and Socket Connectors

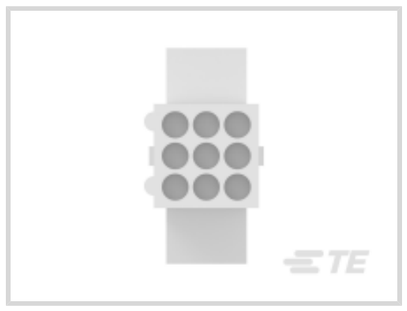
TE Internal #: 770427-1

Commercial Pin and Socket Connectors, Rectangular Connector Housings, Wire-to-Wire, 9 Position, 3.68mm [.145in] Centerline

View on TE.com >

Connectors > Rectangular Connectors > Rectangular Connector Housings




Connector System: **Wire-to-Wire**

Number of Positions: **9**

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

Row-to-Row Spacing: **3.68 mm [.145 in]**

Number of Rows: **3**

Features

Product Type Features

Series Number	1500
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Wire/Cable Type	Discrete Wire

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

UL Voltage Rating	250 VDC
Operating Voltage	250 VDC

Contact Features

Contact Type	Pin, Socket
Contact Transmits (Typical)	Power, Signal (Data)

Mechanical Attachment

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

Housing Features

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

Dimensions

Wire Size	.2 – .9 mm^2
Row-to-Row Spacing	3.68 mm[.145 in]
Accepts Wire Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Height	12.57 mm[.495 in]
Length	20.07 mm[.79 in]
Width	12.45 mm[.49 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Agency/Standard	CSA, UL
CSA File Number	LR7189
VDE Tested	No
UL File Number	E28476
UL Flammability Rating	UL 94V-2
UL Rating	Recognized

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



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



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 # 770428-1
09P .062 COMM P&S PLUG



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 # 770426-1
09P .062 COMM P&S PLUG



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



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



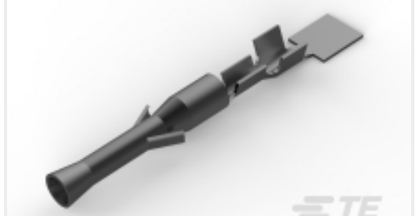
TE Part # 770983-1
.062 COMM P&S PIN 18-24 PTPBR



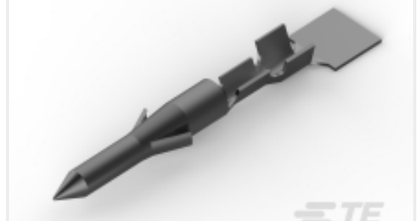
TE Part # 350628-6
.062 COMM P&S SOK AUNI/PHBZ



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



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

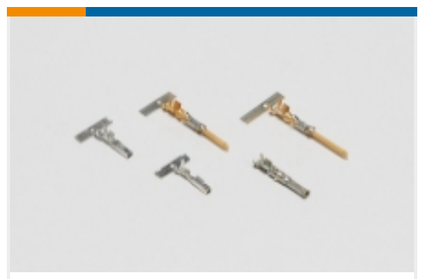
Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(3)



Insertion & Extraction Tools(3)



Power Contacts(39)



Rectangular Connector Housings(11)



Rectangular Power Connectors(88)

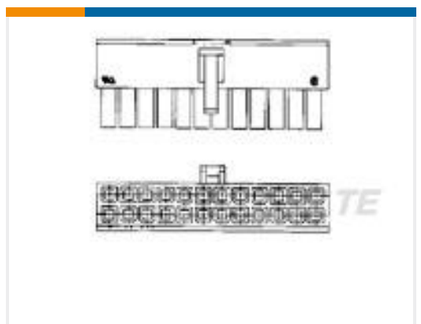


Standard Rectangular Connectors(4)

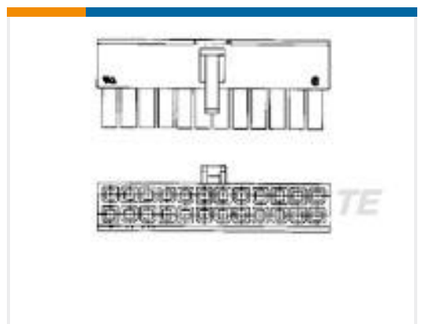
Customers Also Bought



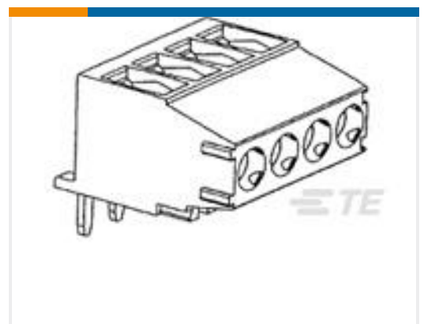
TE Part #1-66100-9
TYPE III CONTACTS STRIP



TE Part #1586765-4
4P RCPT VAL-U-LOK GW



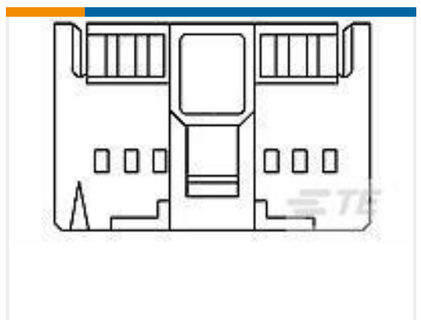
TE Part #1586765-8
8P RCPT VAL-U-LOK GW



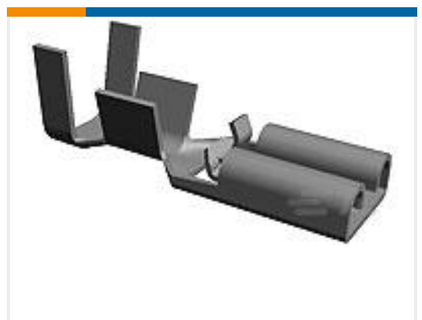
TE Part #1-284414-0
TERMI-BLOK 900 PCB 10 POS 3,5



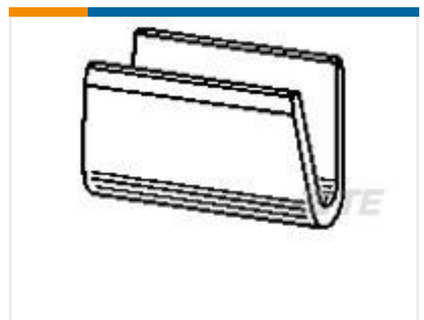
TE Part #1-640642-3
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part #104500-4
24 MTE COUPLING SHROUD DR



TE Part #1217096-1
REC 187 POS LOC 18-14 014 BR



TE Part #140837-2
SPLICE AMPLIVAR



TE Part #1757841-4
AMPLIMITE,PLUG ASY,R/A,109,ZN,4

TE Part #ZPF000000000146795
DMC-MD 80 B 10-01

Documents

Product Drawings

09P .062 COMM P&S RECPT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_770427-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_770427-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_770427-1_C.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_770427-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770427-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770427-1_D.3d_stp.zip

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

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Product Environmental Compliance

TE Material Declaration

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Agency Approvals

Agency Approval Document

English