

770441-1 ✓ ACTIVE

Commercial Pin and Socket Connectors

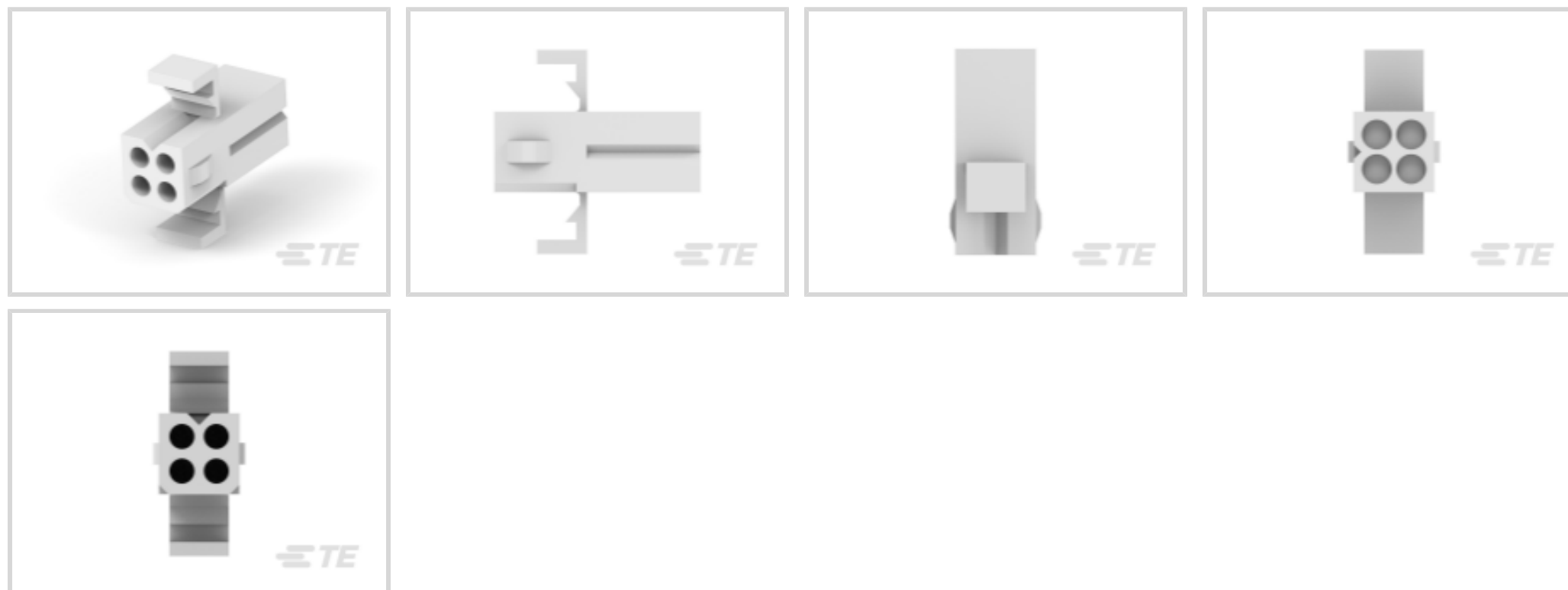
TE Internal #: 770441-1

Rectangular Connector Housings, Wire-to-Wire, 4 Position, .145 in [3.68 mm] Centerline, 2 Row, Nylon, Receptacle, Commercial Pin and Socket Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **4**

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

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

Number of Rows: **2**

Features

Product Type Features

Series Number	3000
Insertion Force Type	Low Insertion Force (LIF)
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	4
Number of Rows	2

Electrical Characteristics

UL Voltage Rating	250 VDC
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Operating Voltage	250 VDC
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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	8.76 mm [.345 in]
Length	22 mm [.86 in]
Width	8.76 mm [.345 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	LR 7189
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

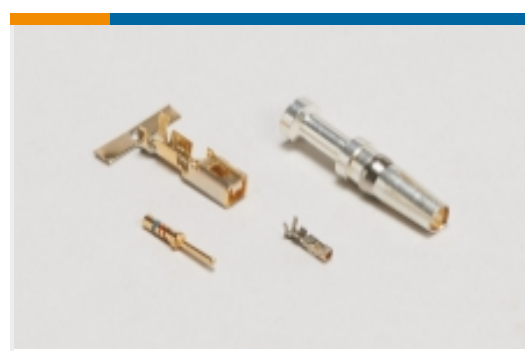


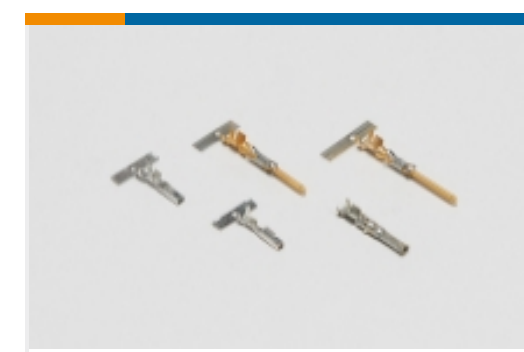
Compatible Parts

 <p>TE Part # 794017-1 .062 CP&S PIN PTPBR L/P 24-18</p>	 <p>TE Part # 350629-5 .062 COMM P&S PIN AUNI/BR</p>	 <p>TE Part # 350628-5 .062 COMM P&S SOK AUNI/BR</p>	 <p>TE Part # 640391-1 .062 COMM P&S PIN 24-30 PTPBR</p>
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 <p>TE Part # 350629-1 .062 COMM P&S PIN 18-24 PTPBR</p>	 <p>TE Part # 350628-2 .062 COMM P&S SOK PTPPHBZ</p>	 <p>TE Part # 770432-1 04P .062 COMM P&S RECPT</p>	 <p>TE Part # 640392-1 .062 COMM P&S SOK 24-30 PTPBR</p>
 <p>TE Part # 350629-8 .062 COMM P&S PIN PRE TIN/PHBZ</p>	 <p>TE Part # 770433-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 770443-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 794019-1 .062 CP&S SOK PTPBR L/P 30-24</p>
 <p>TE Part # 770538-1 04P .062 COMM P&S PLUG</p>	 <p>TE Part # 350628-1 .062 COMM P&S SOK 18-24 PTPBR</p>	 <p>TE Part # 770983-1 .062 COMM P&S PIN 18-24 PTPBR</p>	 <p>TE Part # 350628-6 .062 COMM P&S SOK AUNI/PHBZ</p>
 <p>TE Part # 794046-1 .062 COMM P&S SOK 24-30 PTPBR</p>	 <p>TE Part # 640392-2 .062 COMM P&S SOK 24-30PTPPHBZ</p>	 <p>TE Part # 794016-1 .062 CP&S SOK PTPBR L/P 24-18</p>	 <p>TE Part # 794018-1 .062 CP&S PIN PTPBR L/P 30-24</p>

Also in the Series | Commercial Pin and Socket Connectors

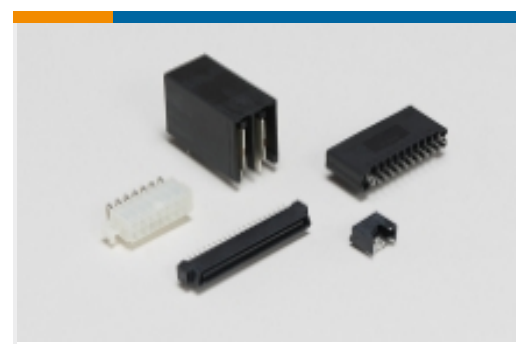
 <p>Connector Contacts(3)</p>	 <p>Crimp Wire Pins, Tabs & Ferrules(1)</p>	 <p>Insertion & Extraction Tools(3)</p>	 <p>Power Contacts(40)</p>
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Rectangular Connector Housings(11)



Rectangular Power Connectors(88)



Standard Rectangular Connectors(4)

Documents

Product Drawings

[04P .062 COMM P&S RECPT](#)

English

CAD Files

Customer View Model

[ENG_CVM_770441-1_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_770441-1_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_770441-1_C1.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_770441-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770441-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770441-1_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

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Product Specifications

[Application Specification](#)



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