

770097-1 ✓ ACTIVE

Commercial Pin and Socket Connectors

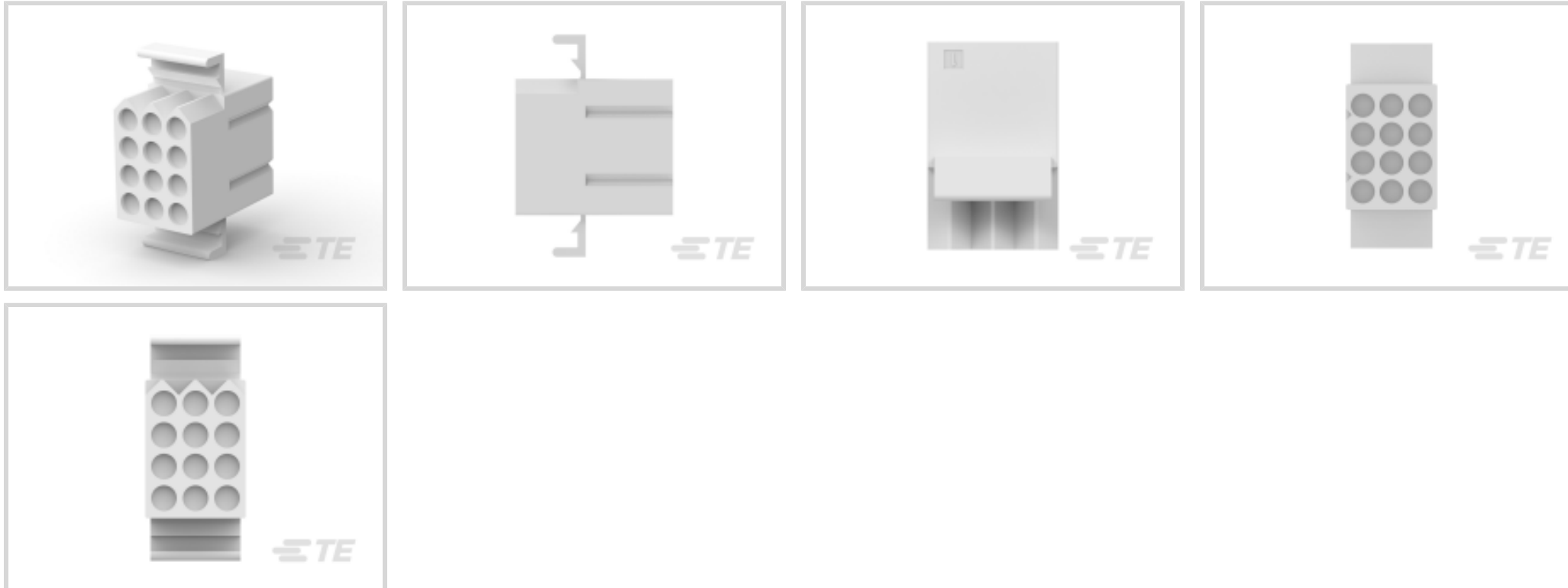
TE Internal #: 770097-1

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel, 12 Position, .198 in [5.03 mm] Centerline, 4 Row, Commercial Pin and Socket Connectors

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Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **12**

Centerline (Pitch): **5.03 mm [.198 in]**

Number of Rows: **4**

Housing Material: **Nylon 6/6**

Features

Product Type Features

Connector System	Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Matrix
Contact Type	Pin, Socket

Mechanical Attachment



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

Housing Features

Housing Color	Natural
Centerline (Pitch)	5.03 mm [.198 in]
Housing Material	Nylon 6/6

Dimensions

Panel Thickness (Recommended)	2.29 mm [.09 in]
Connector Height	36.2 mm
Product Width	16.13 mm
Product Length	25.4 mm
Row-to-Row Spacing	5.03 mm [.198 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
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 # 770144-1
.093 CP&S SOK PTPBR L/P 20-14



TE Part # 770102-1
12P .093 COMM P&S PLUG



TE Part # 770147-1
.093 CP&S PIN PTPBR LP 24-18



TE Part # 350416-1
.093 COMM P&S PIN 14-20 PTPBR



TE Part # 770529-1
.093 COMM P&S SOK 14-20 PTPBR



TE Part # 770530-1
.093 COMM P&S PIN 14-20 PTPBR



TE Part # 350415-1
.093 COMM P&S SOK 14-20 PTPBR



TE Part # 350418-1
.093 COMM P&S PIN 18-24 PTPBR




TE Part # 350417-1
.093 COMM P&S SOK 18-24 PTPBR



TE Part # 350415-5
.093 COMM P&S SOK 20-14 AUBR



TE Part # 770099-1
12P .093 COMM P&S RECPT



TE Part # 770145-1
.093 COMM P&S PIN PTPBR LP



TE Part # 770146-1
.093 CP&S SOK PTPBR LP 24-18



TE Part # 350416-5
.093 COMM P&S PIN AU/NI/BR



TE Part # 770144-5
.093 CP&S SOC AUBR L/P 20-14



TE Part # 350415-6
.093 COMM P&S SOK 14-20 PTPHBZ



TE Part # 350417-5
.093 COMM P&S SOK AU/NI/BR



TE Part # 770101-1
12P .093 COMM P&S PLUG




TE Part # 770145-5
.093 CP&S PIN AUBR LP 20-14




TE Part # 770146-5
.093 CP&S SOK AUBR LP 24-18


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



Documents

Product Drawings

12P .093 COMM P&S RECPT

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_770097-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_770097-1_F.3d_stp.zip](#)

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English



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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English