

1-770197-2 ✓ ACTIVE



Timer Connector System

TE Internal #: 1-770197-2

Receptacle Terminal Housing, 24 Position, 5.59 mm [.22 in]

Centerline, Straight, Natural, UL 94V-0, Nylon 66, Timer Connector System

[View on TE.com >](#)

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **24**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

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

Configuration Features

Number of Positions	24
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Body Features

Primary Product Color	Natural
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Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

Mechanical Attachment



Mating Alignment Type	Polarization
Mating Retention Type	Latch
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	5.59 mm [.22 in]

Dimensions

Product Width	19.63 mm
Product Length	53.59 mm [2.109 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 770199-1
TIMER CONNECTOR 18P HSG R/H BK
NYLON6/6



TE Part # 770198-1
TIMER CONNECTOR 24P HSG L/H
NAT PA66



TE Part # 521986-1
POWER BLADE HSG 10P NYLON
NATURAL



TE Part # 521190-2
PLUG 3 POS 125 HOUSING NYLON 6
/6



TE Part # 521165-1
MOTOR HOUSING HOUSING BLACK
NYLON 6/6



TE Part # 521152-2
PLUG 4 CIR 125 HOUSING NYLON 66
/6



TE Part # 521116-2
MOTOR HOUSING HOUSING NYLON
VO BLACK



TE Part # 521190-4
PLUG 5 POS 125 HOUSING NYLON 6
/6



TE Part # 521085-1
DRYER .250 HOUSING NYLON 6/6

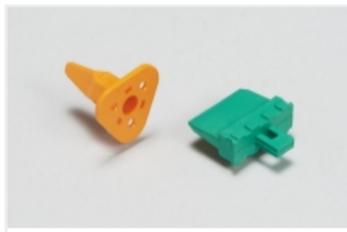


TE Part # 521163-2
POWER BLADE HSG 12P NYLON
BLACK

Also in the Series | [Timer Connector System](#)



Automotive Connector Caps & Covers (12)



Automotive Connector Locks & Position Assurance(15)



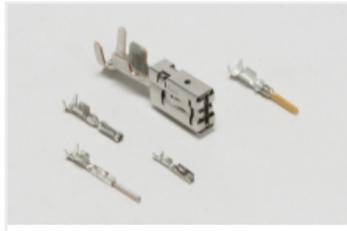
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Signal & Power Headers(6)

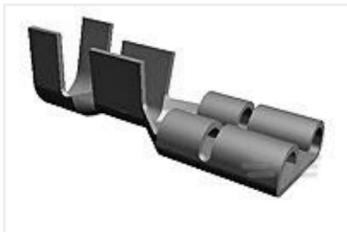


Automotive Terminals(110)



Quick Disconnects(4)

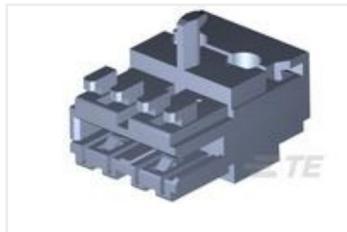
Customers Also Bought



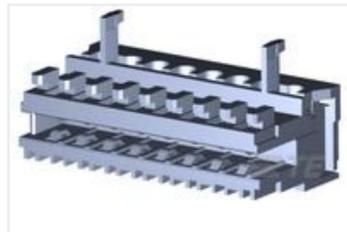
TE Part #63831-1
250 FASTON REC 16-12 AWG BR



TE Part #1241981-4
STD TIMER HOUSING 4P (NATURE)



TE Part #2-1534415-2
DUOPL POW FEM CON2P



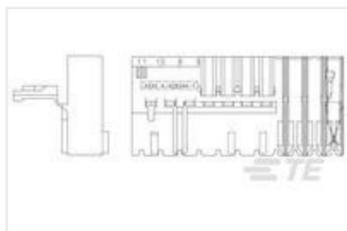
TE Part #5-1534796-8
AMP DUOPLUG 2,5 MARK II CONNECTOR



TE Part #1742354-1
PL 250 REC 16-18AWG PTBR



TE Part #2178561-2
STD-TIM GEH 2P_V0-GWT



TE Part #2178930-3
3P STD TIMER GEH V0 GWT



TE Part #2296205-2
2P RCPT VAL-U-LOK GWT/V0



TE Part #2296205-6
6P RCPT VAL-U-LOK GWT/V0



TE Part #2296206-2
2P FH PLUG VAL-U-LOK FH GWT/V0

Documents



Product Drawings

TIMER CONNECTOR 24P HSG R/H NAT PA66 V-0

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-770197-2_AL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-770197-2_AL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-770197-2_AL.3d_stp.zip](#)

English

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Product Specifications

Engineering Report

English