521085-1 ✔ ACTIVE

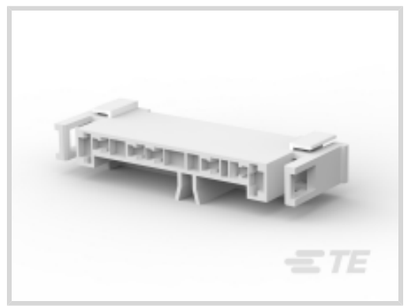
Timer Connector System

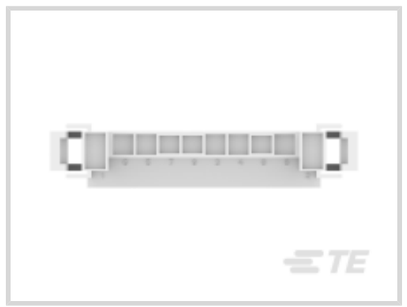
TE Internal #: 521085-1

Receptacle Terminal Housing, 7 Position, 5.59 mm [.22 in] Centerline, Straight, Natural, UL 94V-2, Nylon, 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: **7**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Sealable	No
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	7

Body Features

Primary Product Color	Natural

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
Centerline (Pitch)	5.59 mm[.22 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Carton

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 521163-2
POWER BLADE HSG 12P NYLON BLACK



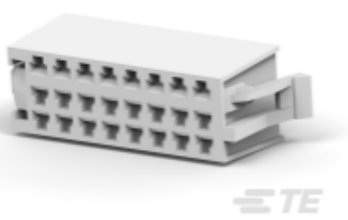
TE Part # 521986-1
POWER BLADE HSG 10P NYLON NATURAL



TE Part # 770199-1
TIMER CONNECTOR 18P HSG R/H BK NYLON6/6



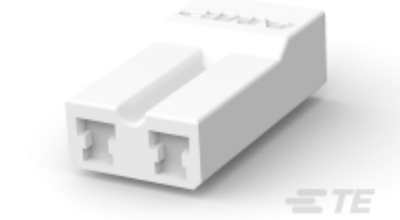
TE Part # 770198-1
TIMER CONNECTOR 24P HSG L/H NAT PA66



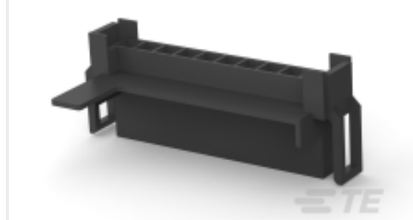
TE Part # 1-770197-2
TIMER CONNECTOR 24P HSG R/H NAT PA66 V-0



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



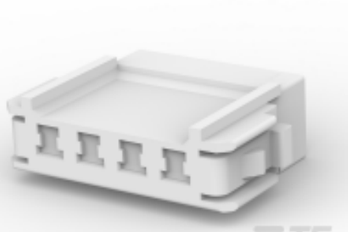
TE Part # 521073-2
PLUG .125 HOUSING NYLON 66/6



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



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

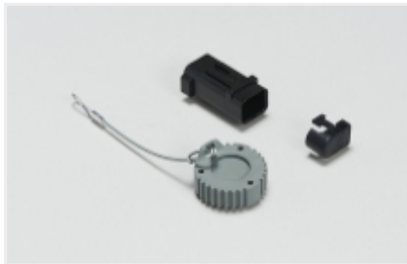


TE Part # 521152-2
PLUG 4 CIR 125 HOUSING NYLON 66 /6

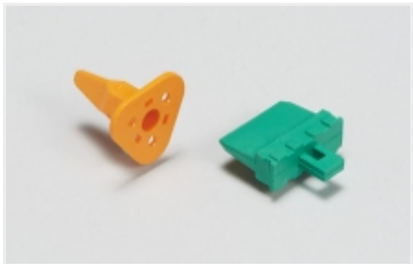


TE Part # 521190-4
PLUG 5 POS 125 HOUSING NYLON 6 /6

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (12)



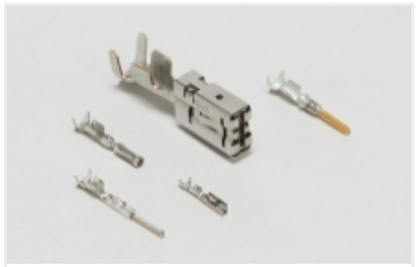
Automotive Connector Locks & Position Assurance(15)



Automotive Housings(186)



Automotive Signal & Power Headers(6)

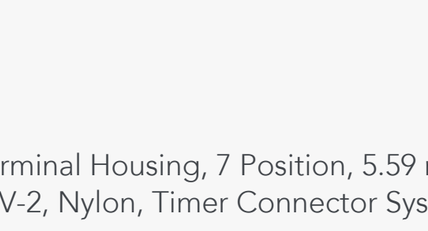


Automotive Terminals(110)

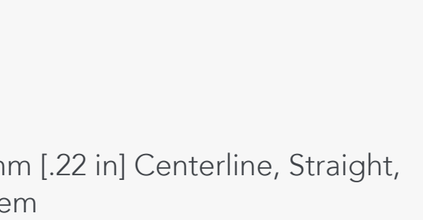


Quick Disconnects(4)

Customers Also Bought



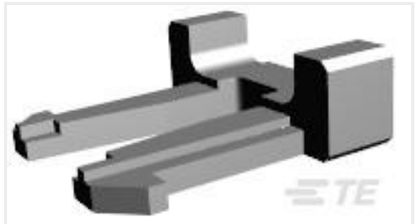
TE Part #63688-1
250 FASTON REC 18-14 AWG NPST



TE Part #1-172075-1
3 POS PL 187(4.8 MM) HOUSING NATURAL

TE Part #368571-1
PDL 3P PLUG 3.96(GWT) NAT

TE Part #770642-1
TIMER CONNECTOR TERMINAL 20-14 AWG PTPBR



TE Part #917698-1
2.5 SIGNAL DBL LOCK D.L.P 2P



TE Part #917764-1
2.5 SIGNAL D/LOCK TAB CONT. L



TE Part #1862006-1
STD PW TIMER CONTACT



TE Part #2232327-2
CLUSTER BLOCK HSG .090 DIA



TE Part #2238135-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35

TE Part #1241964-4
4POS STD TIMER HOUSING W. INTERIOR LOCK.

Documents

Product Drawings

DRYER .250 HOUSING NYLON 6/6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521085-1_K_c-521085-1-k.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521085-1_K_c-521085-1-k.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521085-1_K_c-521085-1-k.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English