521163-2 ✔ ACTIVE

Timer Connector System

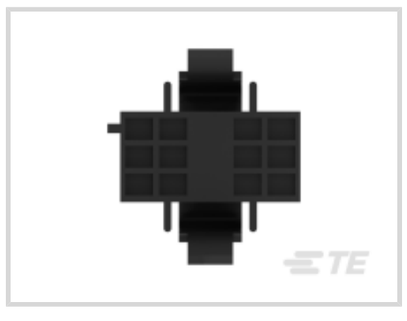
TE Internal #: 521163-2

Receptacle Terminal Housing, 12 Position, 5.08 mm [.2 in] Centerline, Straight, Black, UL 94V-0, 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: **12**

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	12

Body Features

Primary Product Color	Black

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)	5.08 mm[.2 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

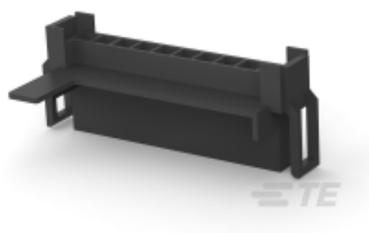
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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

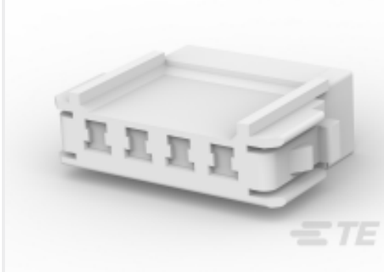
Compatible Parts



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



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



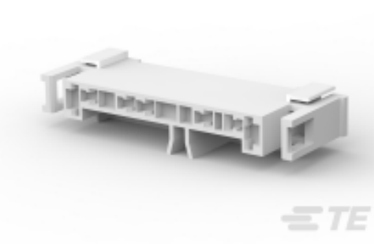
TE Part # 521152-2
PLUG 4 CIR 125 HOUSING NYLON 66 /6



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



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



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



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

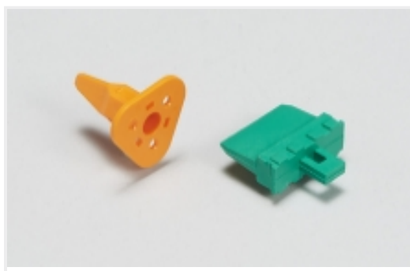


TE Part # 1-770197-2
TIMER CONNECTOR 24P HSG R/H NAT PA66 V-0



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

Also in the Series | Timer Connector System



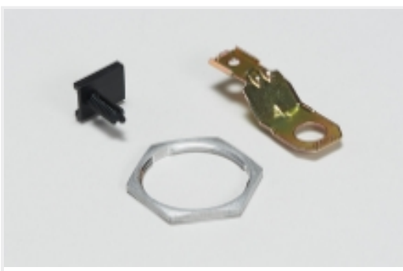
Automotive Connector Locks & Position Assurance(15)



Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



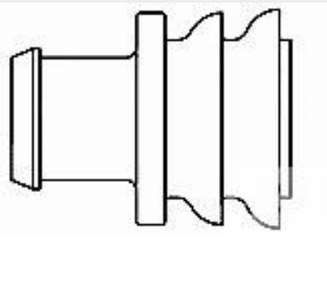
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

POWER BLADE HSG 12P NYLON BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521163-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521163-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521163-2_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English