



Timer Connector System

TE Internal #: 521085-1

Crimp Terminal Housings, Receptacle, Receptacle, 7 Position, Straight, UL 94V-2, Natural, Nylon, Contact Mating Retention, Timer Connector System

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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
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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
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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]
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Industry Standards

UL Flammability Rating	UL 94V-2
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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 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 # 770199-1 TIMER CONNECTOR 18P HSG R/H BK NYLON6/6	TE Part # 521190-2 PLUG 3 POS 125 HOUSING NYLON 6 /6	TE Part # 521190-4 PLUG 5 POS 125 HOUSING NYLON 6 /6	TE Part # 521152-2 PLUG 4 CIR 125 HOUSING NYLON 66 /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 # 521073-2 PLUG .125 HOUSING NYLON 66/6	TE Part # 521116-2 MOTOR HOUSING HOUSING NYLON VO BLACK
TE Part # 521163-2 POWER BLADE HSG 12P NYLON BLACK	TE Part # 521165-1 MOTOR HOUSING HOUSING BLACK NYLON 6/6	TE Part # 521986-1 POWER BLADE HSG 10P NYLON NATURAL	

Also in the Series | Timer Connector System

Automotive Connector Caps & Covers (12)	Automotive Connector Locks & Position Assurance(17)	Automotive Housings(233)	Automotive Terminals(145)



Connector Seals & Cavity Plugs(32)



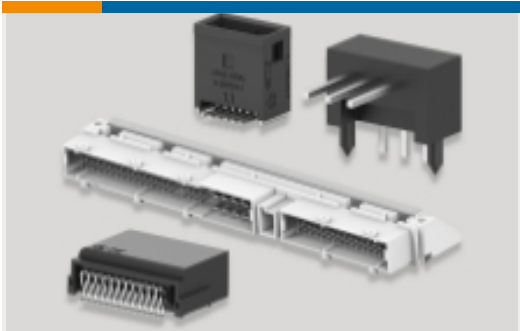
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)

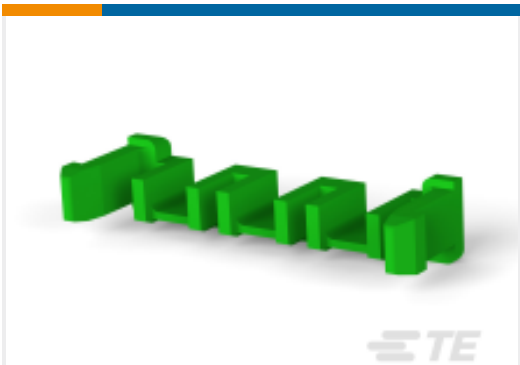


PCB Headers & Receptacles(82)

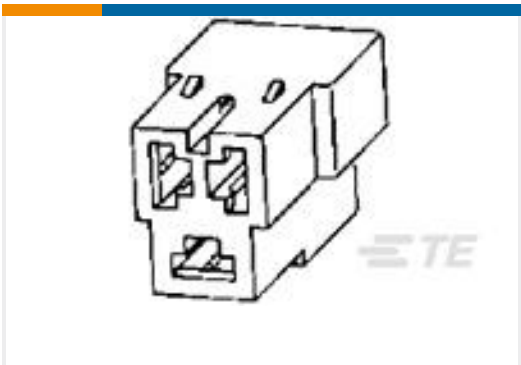


Quick Disconnects(4)

Customers Also Bought



TE Part #1376395-1
Power Key TPA



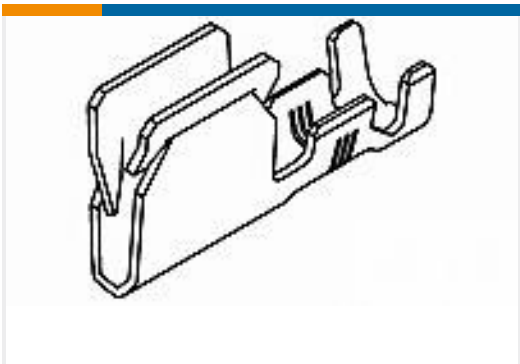
TE Part #180941
FF 250 REC HSG 3P NYLON NAT



TE Part #40960
RING TERMINAL 14-12 AWG TPBR



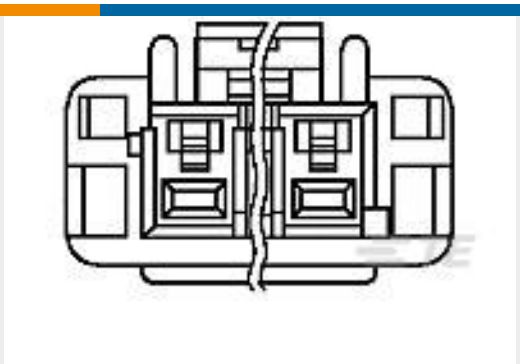
TE Part #521204-6
RAST 5,HSG,2P,POSILOCK MKIII



TE Part #63895-1
GROUND CLIP 14-18AWG ST



TE Part #1897058-1
CONNECTOR .125/.250 SERIES



TE Part #2-1376389-3
5MM POWER KEY 3P PLUG HSG BLUE



TE Part #927831-2
SPT REC 6.3 Contact SRC Sn



TE Part #3-647449-1
SL156 RCPT,SPCL LUBE, LF

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English