



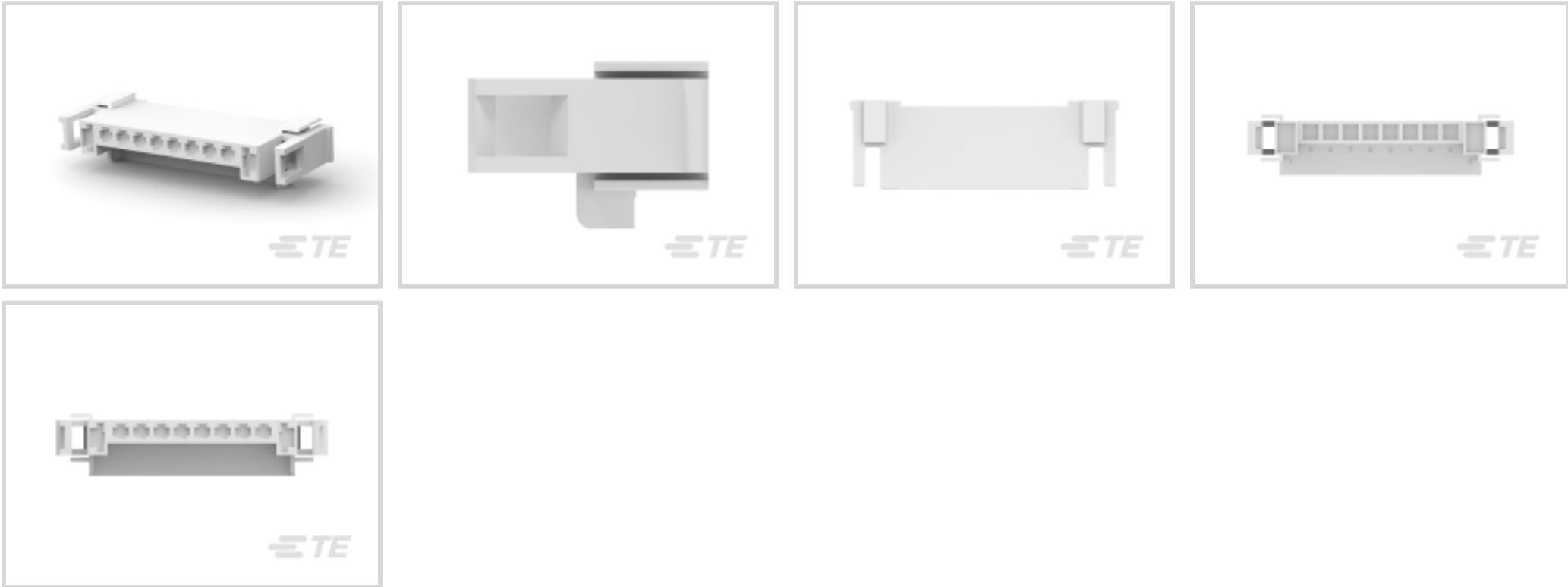
Timer Connector System

TE Internal #: 521986-1

Receptacle, Receptacle, 10 Position, Straight, UL 94V-2, Natural, Nylon, Contact Mating Retention, Timer Connector System, Crimp Terminal Housings

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



Terminal Type: **Receptacle**
Connector & Housing Type: **Receptacle**
Number of Positions: **10**
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	10
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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]

Dimensions

Product Width	12.94 mm[.509 in]
Product Length	57.74 mm[.439 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 521085-1 DRYER .250 HOUSING NYLON 6/6	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	

Also in the Series | Timer Connector System

Automotive Connector Caps & Covers (14)	Automotive Connector Locks & Position Assurance(15)	Automotive Housings(214)	Automotive Terminals(134)



Connector Seals & Cavity Plugs(36)	Crimp Terminal Housings(13)	Insertion & Extraction Tools(18)	Other Automotive Connector Accessories(1)
PCB Headers & Receptacles(40)	Quick Disconnects(4)		

Customers Also Bought

TE Part #1376391-1 5MM POWER KEY 6P PLUG HSG NUT	TE Part #521368-2 ULTRA-POD 250 ASSY REC 22-18 AWG TPBR	TE Part #521597-2 ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .187 inch	TE Part #1376395-1 5MM POWER KEY D/L PLATE GREEN
TE Part #177907-1 POWER DBL LOCK CAP P/M 3P	TE Part #1969443-6 EP 2.5 TPA Retainer, 6 Pos	TE Part #1376348-1 5MM POWER KEY CONN REC CONT M	TE Part #170328-1 250 PL MKII REC. 18-14AWG PTBR
TE Part #5-1969536-6 HSG,RECP,POSILOK MKIII ,250SER,3P, 2CIR			

Documents



Product Drawings

POWER BLADE HSG 10P NYLON NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_521986-1_D_c-521986-1-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_521986-1_D_c-521986-1-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_521986-1_D_c-521986-1-d.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English