



AMP | Junior Timer

TE Internal #: 963040-3

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, Sealable, Black, Wire & Cable, Junior Timer

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing

Connector & Housing Type: **Housing for Female Terminals**

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **2**

Centerline (Pitch): **5 mm [ .197 in ]**

Sealable: **Yes**

[All Timer Connector Housing \(589\)](#)

### Features

#### Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	2
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

#### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

#### Contact Features

Contact Size	1.6mm
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Contact Type	Receptacle
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Contact Current Rating (Max)	20 A
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### Mechanical Attachment

Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarization Slot
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	PBT GF
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Centerline (Pitch)	5 mm [.197 in]
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### Dimensions

Connector Height	35.5 mm [1.398 in]
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Product Width	23.6 mm [.929 in]
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Product Length	23.4 mm [.921 in]
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### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
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Operating Temperature Range	-40 – 100 °C [-40 – 212 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Method	Package
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### Other

Serviceable	No
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Connector Position Assurance Capable	No
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### 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 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB	TE Part # 106462-1 2P.FASTIN-ON HSG.	TE Part # 1-927768-1 JPT REC 2.8 Contact SRC Au
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## Also in the Series | Junior Timer

Automotive Housings(77)	Automotive Terminals(16)	PCB Headers & Receptacles(3)
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## Customers Also Bought

TE Part #160859-1  
FF 250 TAB 0.5-1.0MM2 BR

TE Part #825213-2  
35P MESSERLEISTE

TE Part #929941-1  
JPT REC 2.8 Contact SWS Sn

TE Part #4-968974-1  
MCP2,8 GEH ASSY 18P

TE Part #8-1768019-3  
ESSW1-100

TE Part #2-240651-1  
BLADE, SLUG

TE Part #3-2119582-4  
Crimper, Insulation F Premium

TE Part #964731-1  
MICRO/JPT ABDECKKAP

TE Part #1487594-5  
USB, A-B, 28/28, BLACK, 750MM

## Documents

### Product Drawings

[2P JUN-TIMER GEH](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_963040-3\\_G.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_963040-3\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_963040-3\\_G.3d\\_stp.zip](#)

English

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

963040-3

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[Datasheets & Catalog Pages](#)

[Timer Interconnection System](#)

English