

1599314-1 ✓ ACTIVE



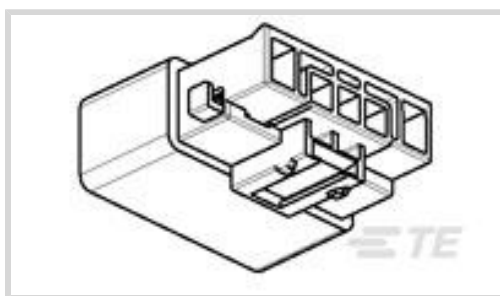
AMP | Junior Power Timer, Standard Power Timer

TE Internal #: 1599314-1

Housing for Male Terminals, Wire-to-Wire, 5 Position, .217 in [5.5 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > TIMER, CONNECTOR HOUSING



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

Mating Tab Width: **2.8 mm, 4.8 mm [ .11 in, .189 in ]**

Connector System: **Wire-to-Wire**

Number of Positions: **5**

Centerline (Pitch): **5.5 mm [ .217 in ]**

[All TIMER, CONNECTOR HOUSING \(543\)](#)

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	5
Number of Rows	1

### Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

### Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

### Contact Features



Contact Size	2.8mm, 5.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm, 4.8 mm [.11 in][.189 in]

### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	5.5 mm [.217 in]
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### Dimensions

Product Width	35.8 mm [1.409 in]
Product Length	37.6 mm [1.48 in]
Product Height	21.8 mm [.858 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-25 – 105 °C [-22 – 221 °F]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	648
Packaging Method	Box

### Other

Serviceable	Yes
Connector Position Assurance Capable	No

## Product Compliance

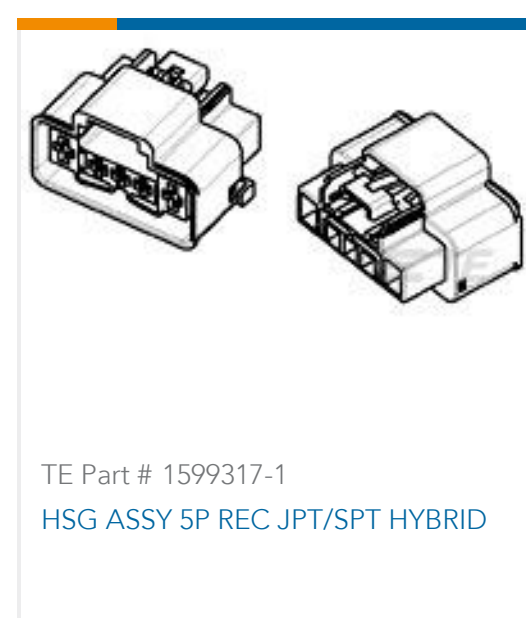
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



Also in the Series | [Junior Power Timer](#)



Automotive Connector Caps & Covers (5)



Automotive Housings(225)



Automotive Seals & Cavity Plugs(10)



Automotive Terminals(82)



Busbars & Terminals(1)



Insertion & Extraction Tools(9)



Module Components(8)



Other Automotive Connector Accessories(1)

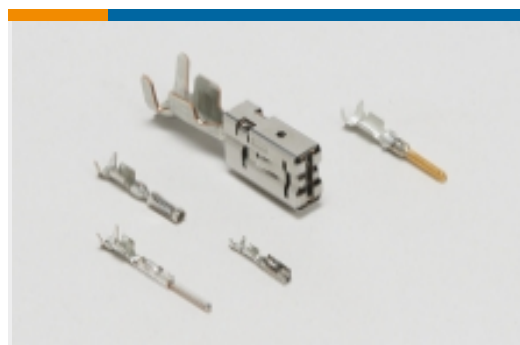


PCB Headers & Receptacles(1)

## Also in the Series | Standard Power Timer



Automotive Housings(31)



Automotive Terminals(54)



Busbars & Terminals(3)

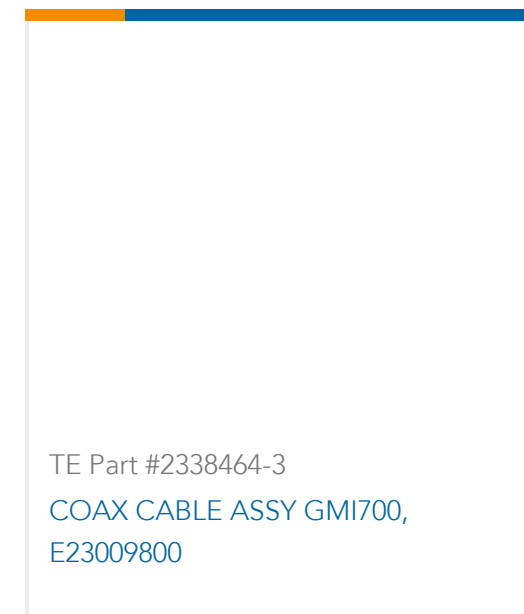


Insertion & Extraction Tools(1)



Module Components(8)

## Customers Also Bought



## Documents

### Product Drawings

[HSG ASSY 5P TAB JPT/SPT HYBRID](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1599314-1\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1599314-1\\_B1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1599314-1\\_B1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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



## Datasheets & Catalog Pages

### Timer Interconnection System

English

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## Product Specifications

### Product Specification

English

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English

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## Instruction Sheets

### Instruction Sheet (non U.S.)

English