

966577-1 ✓ ACTIVE

AMP | Micro Timer II, Standard Power Timer

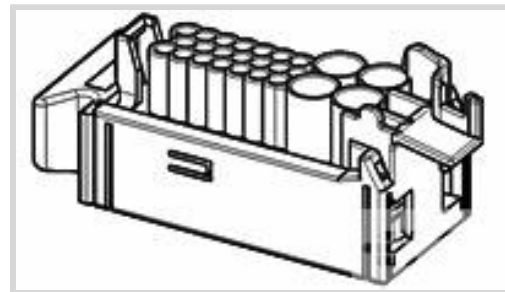
TE Internal #: 966577-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 25 Position, .374 in / .157 in [9.5 mm / 4 mm] Centerline, Sealable, Black, Hybrid

[View on TE.com >](#)



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



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

Mating Tab Width: 1.6 mm, 4.8 mm [ .063 in, .189 in ]

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

Number of Positions: 25

Centerline (Pitch): 4 mm, 9.5 mm [ .157 in, .374 in ]

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

## Features

### Product Type Features

Connector & Housing 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

### Configuration Features

Number of Positions	25
Number of Rows	5

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Black



### Contact Features

Contact Size	1.6mm, 4.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 4.8 mm [.063 in][.189 in]

### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	4 mm, 9.5 mm [.157 in][.374 in]
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### Dimensions

Product Width	38.1 mm [1.5 in]
Product Length	91 mm [3.583 in]
Product Height	32.5 mm [1.28 in]
Row-to-Row Spacing	4 mm, 9.5 mm [.157 in][.374 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Method	Carton
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### 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: 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>

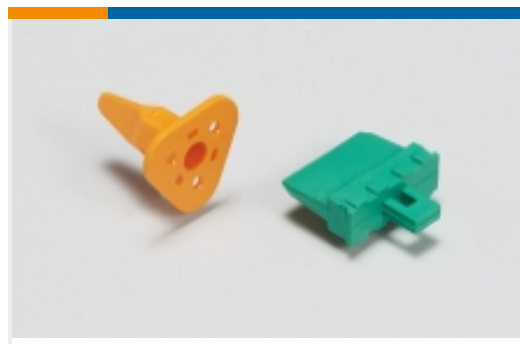
## Compatible Parts



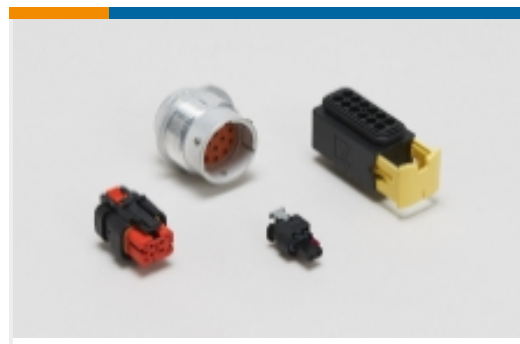
Also in the Series | [Micro Timer II](#)



Automotive Connector Caps & Covers (2)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(29)



Automotive Seals & Cavity Plugs(1)



Automotive Terminals(29)

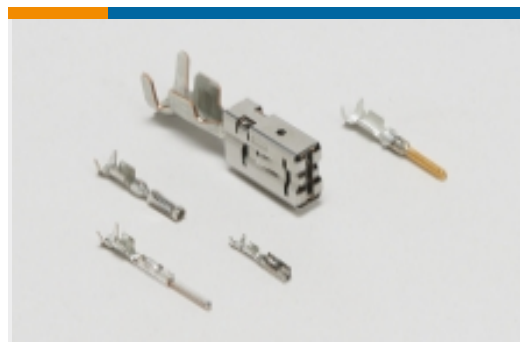


Insertion & Extraction Tools(4)

## Also in the Series | Standard Power Timer



Automotive Housings(31)



Automotive Terminals(54)



Busbars & Terminals(3)

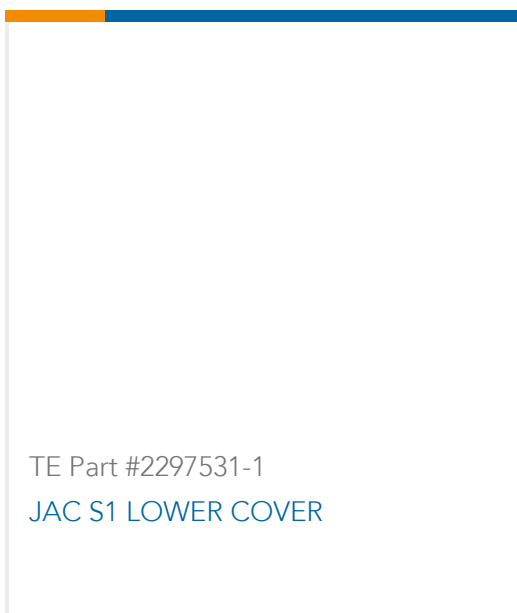
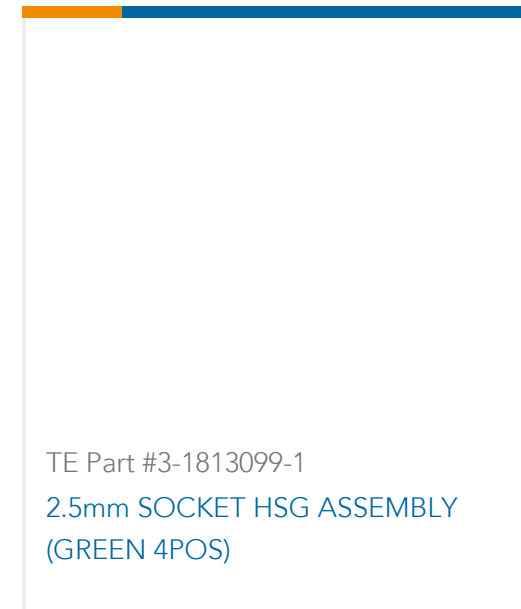
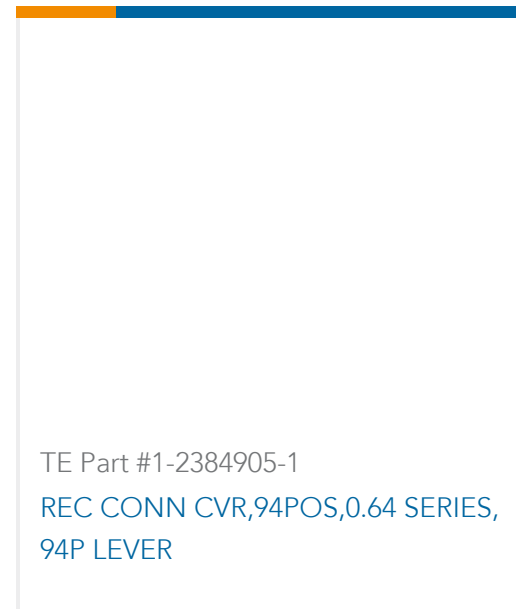
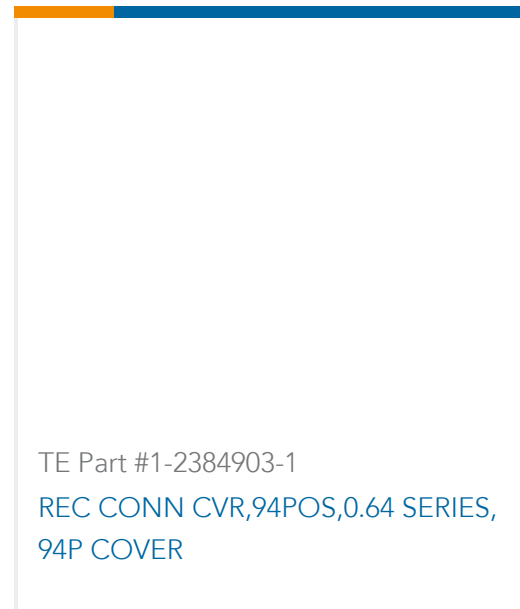


Insertion & Extraction Tools(1)



Module Components(6)

## Customers Also Bought



## Documents

### Product Drawings

[SPT/MICRO-T2 GEH25P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_966577-1\\_C.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_966577-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_966577-1\\_C.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

966577-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 25 Position, .374 in / .157 in [9.5 mm / 4 mm] Centerline, Sealable, Black, Hybrid



## Timer Interconnection System

English