

967637-1 ✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 967637-1

Housing for Female Terminals, Wire-to-Wire, 42 Position, Sealable, Black, Signal, Cable Mount (Free-Hanging), Timer Connector System

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



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

Mating Tab Width: **1.6 mm, 2.8 mm, 5.8 mm [ .063 in, .11 in, .228 in ]**

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

Number of Positions: **42**

Sealable: **Yes**

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	42
Number of Rows	4

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	1



### Contact Features

Contact Size	1.6mm, 2.8mm, 5.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm, 5.8 mm [.063 in][.11 in][.228 in]

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Dimensions

Product Width	27.8 mm[1.094 in]
Product Length	91.5 mm[3.602 in]
Product Height	43.5 mm[1.713 in]
Row-to-Row Spacing	4.5 mm[.177 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C [158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °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	156
Packaging Method	Box

### Other

Serviceable	Yes
Connector Position Assurance Capable	No

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability


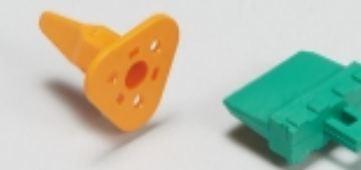


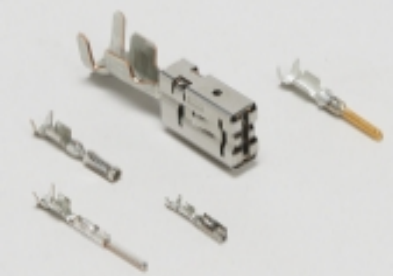



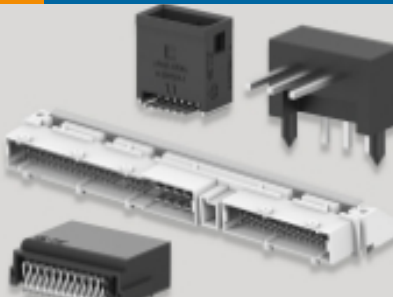

#### Product Compliance Disclaimer

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>

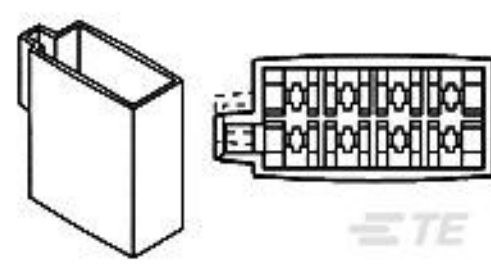

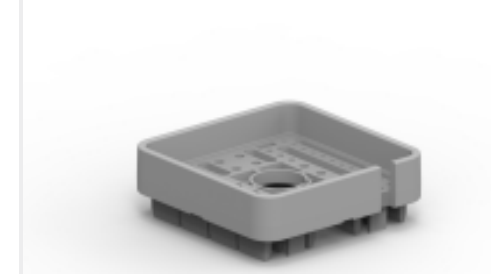





## Compatible Parts



Also in the Series | [Timer Connector System](#)

			
<p>Automotive Connector Caps &amp; Covers (11)</p>	<p>Automotive Connector Locks &amp; Position Assurance(16)</p>	<p>Automotive Housings(219)</p>	<p>Automotive Seals &amp; Cavity Plugs(31)</p>
			
<p>Automotive Terminals(140)</p>	<p>Crimp Terminal Housings(13)</p>	<p>Insertion &amp; Extraction Tools(20)</p>	<p>Other Automotive Connector Accessories(1)</p>
			
<p>PCB Headers &amp; Receptacles(78)</p>	<p>Quick Disconnects(4)</p>		

### Customers Also Bought

 <p>TE Part #106455-3 FF 110 PLUG HSG 8P.</p>	 <p>TE Part #DRB16-128SAE-L018 DEUTSCH DRB HOUSINGS</p>	 <p>TE Part #WB-64SA DEUTSCH DRB WEDGELOCKS</p>	 <p>TE Part #963040-1 2P JUN-TIMER GEH</p>
 <p>TE Part #1241374-2 AMP MCP 1.5K, CONTACT</p>	 <p>TE Part #964267-1 TAB A 1.6x0.6 CONTACT CS SRC Sn</p>	 <p>TE Part #YHDP24-24-29PEL024 REC, 29P, BLK, E, WTHD, 12/16/20, P</p>	 <p>TE Part #965662-1 KONTAKTSICHERUNG</p>

### Documents



**Product Drawings**

**TIM MIX GEH KPL 42P**

English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_967637-1\\_M\\_c-967637-1-m.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_967637-1\\_M\\_c-967637-1-m.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_967637-1\\_M\\_c-967637-1-m.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**Timer Interconnection System**

English

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**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English