

1-967281-1 ✓ ACTIVE



AMP | Junior Power Timer, Micro Timer II

TE Internal #: 1-967281-1

Housing for Female Terminals, Wire-to-Board, 42 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, Hybrid

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **42**

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

Centerline (Pitch): **4 mm [ .157 in ]**

Sealable: **Yes**

[All Timer Connector Housing \(525\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	42
Number of Rows	3

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A1



### Contact Features

Contact Size	1.6mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm [.063 in][.11 in]
Contact Current Rating (Max)	10 A, 30 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm [.157 in]

### Dimensions

Connector Height	33 mm [1.299 in]
Product Width	32 mm [1.26 in]
Product Length	82.5 mm [3.248 in]
Row-to-Row Spacing	5 mm [.196 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	Power & Signal
---------------------	----------------

### Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

### Packaging Features

Packaging Method	Carton
------------------	--------

### Other

Serviceable	No
-------------	----



Connector Position Assurance Capable

No

### Product Compliance


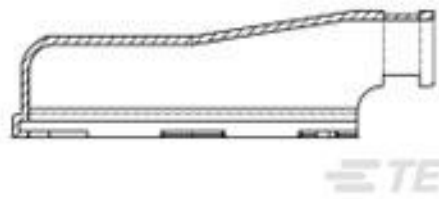
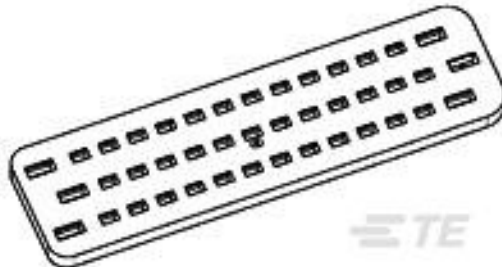

[For compliance documentation, visit the product page on TE.com>](#)

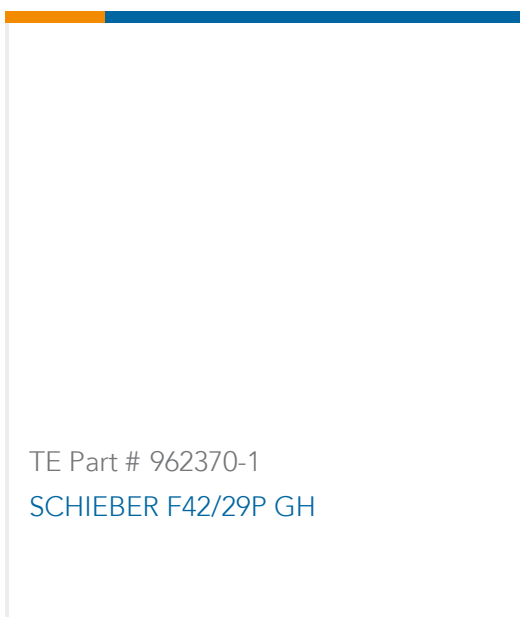
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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

 <p>TE Part # CAT-LMPH9507 Low &amp; Medium Power Header</p>	 <p>TE Part # 965643-1 ABDECKKAPPE F42P</p>	 <p>TE Part # 963225-1 DICHTUNG F 42P GEH</p>	 <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p>
---	--	--	---



### Also in the Series | Junior Power Timer



Automotive Connector Caps & Covers (4)



Automotive Housings(231)



Automotive Terminals(82)



Busbars & Terminals(1)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(8)



Module Components(3)

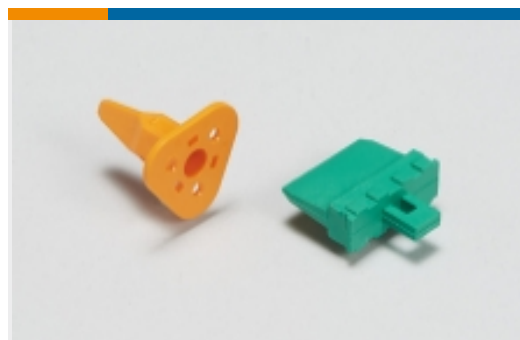


Other Automotive Connector Accessories(1)

### Also in the Series | Micro Timer II



Automotive Connector Caps & Covers (1)



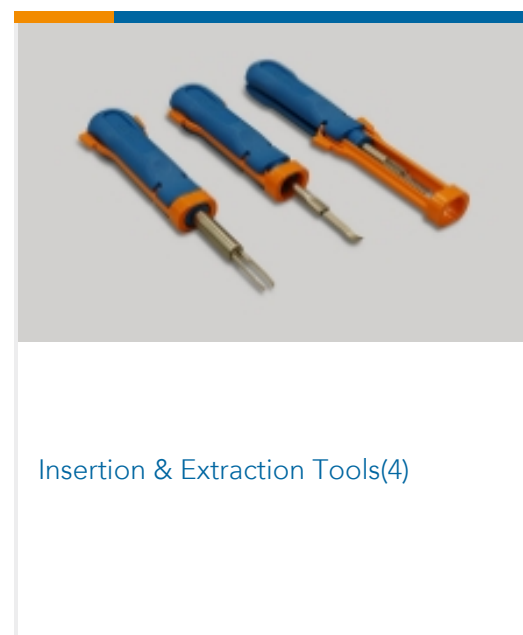
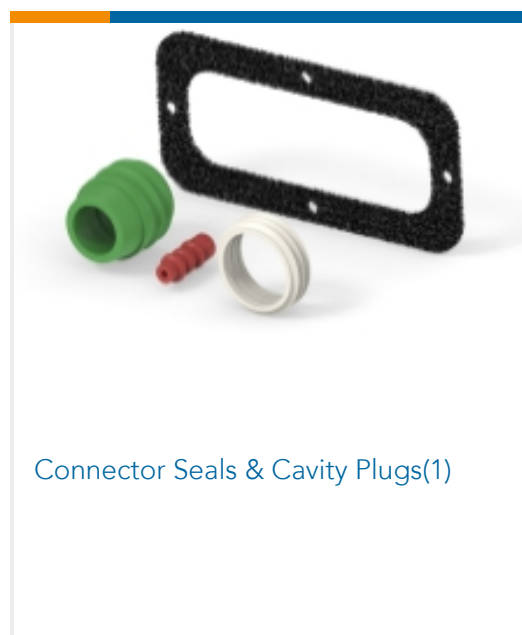
Automotive Connector Locks & Position Assurance(1)



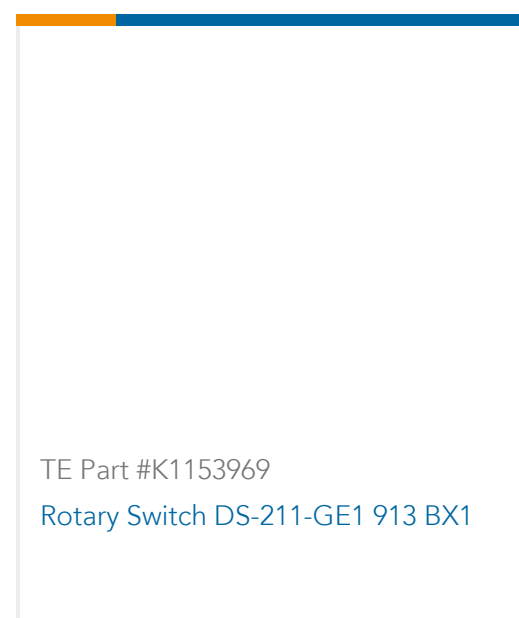
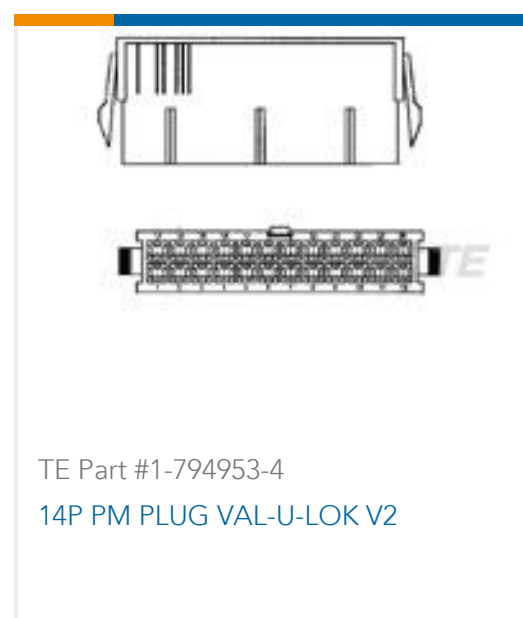
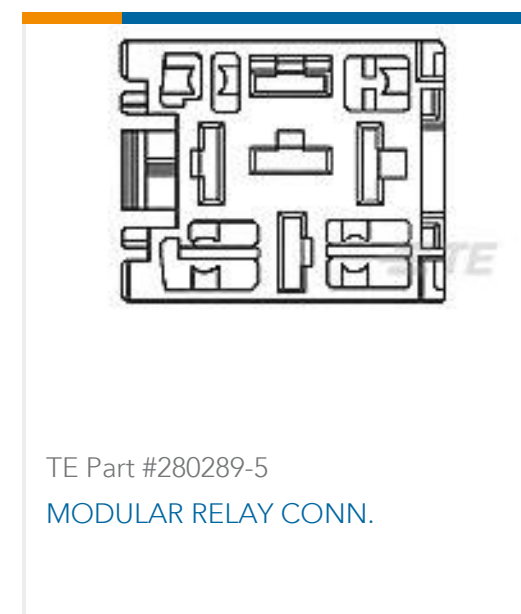
Automotive Housings(32)



Automotive Terminals(29)



## Customers Also Bought



## Documents

### Product Drawings

#### MICRO-T2/JPT GEH42P

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-967281-1\\_B1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-967281-1\\_B1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-967281-1\\_B1.3d\\_stp.zip](#)

English

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



---

[Datasheets & Catalog Pages](#)

[Timer Interconnection System](#)

English