



AMP | Junior Power Timer, Timer Connector System

TE Internal #: 1-964449-1
12 V / 24 V / 48 V, 16 Position, Automotive Housing for Male
Terminals, Wire-to-Wire, 5 mm [.197 in] Centerline, Black, Wire &
Cable, Power, Hybrid

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Automotive Parts > Automotive Connectors > Automotive Housings > Timer Connector Housing



Nominal Voltage Architecture: 12 V, 24 V, 48 V
Connector & Housing Type: Housing for Male Terminals
Number of Positions: 16
Sealable: No
Operating Temperature Range: -40 – 80 °C [-40 – 176 °F]

[All Timer Connector Housing \(436\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	A1

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Row-to-Row Spacing	6 mm[.236 in]
Product Width	20 mm[.787 in]
Product Length	45.8 mm[1.8 in]
Connector Height	39 mm[1.53 in]

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
Operating Temperature (Max)	80 °C[176 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Carton
Packaging Quantity	800

Other

Serviceable	No
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Connector Position Assurance Capable	No
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Product Compliance

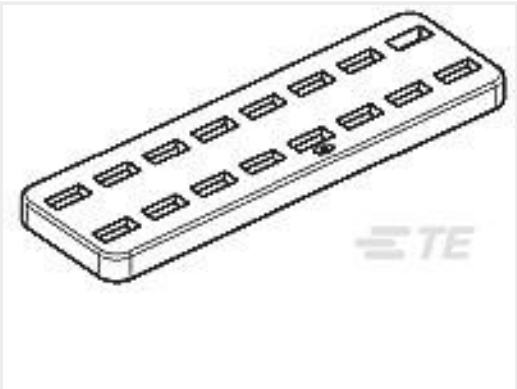
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

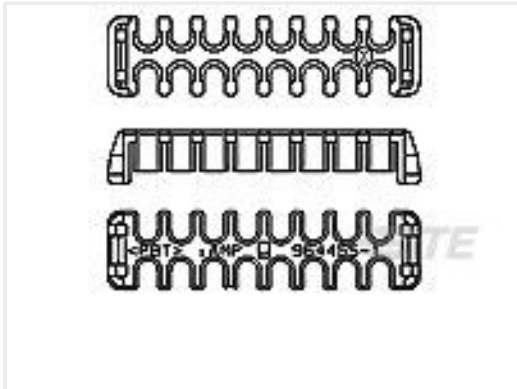
Compatible Parts



TE Part # 963216-1
Dichtung



TE Part # CAT-T4827-CH8172
Timer Connector Housing



TE Part # 964455-1
KONTAKTSICHERUNG16P



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(15)



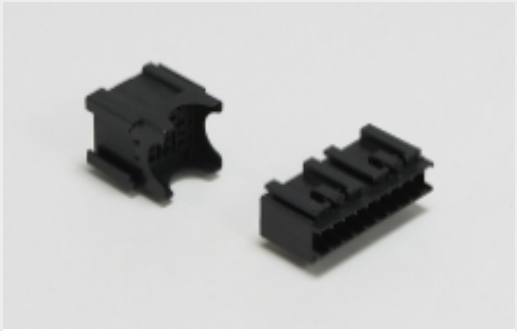
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Signal & Power Connector Housings(136)

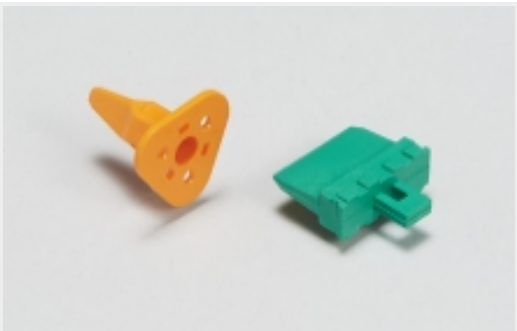


Module Components(1)

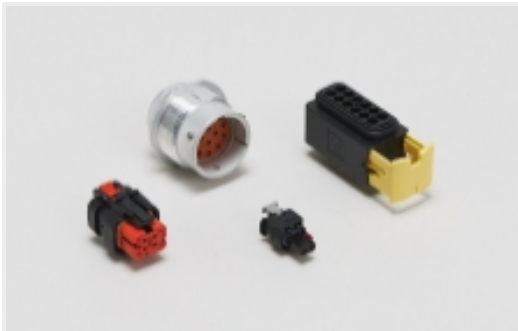


Other Automotive Connector Accessories(1)

Also in the Series | **Timer Connector System**



Automotive Connector Locks & Position Assurance(15)



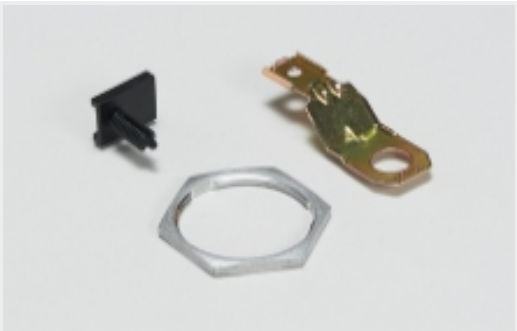
Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Automotive Signal & Power Connector Housings(136)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #801891-SF
FN9222-6-07

TE Part #324123
PIDG R 22-16COMM 22-18MIL 5/16

TE Part #CAT-T4827-CH8172
Timer Connector Housing

TE Part #2213775-1
AV16 SPM 0.4VA POWER LED WHITE 12V

TE Part #6116000-1
STK MJ,2X6,SHLD,PNL GND,CAT5

TE Part #L9000349-01
Antenna PCB RPC GNSS L1 9.6x8.4 SMD T&R

Documents

Product Drawings

FLACHSTE-GEH2,8 16P

English

CAD Files

Customer View Model

ENG_CVM_1-964449-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_1-964449-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_1-964449-1_B1.2d_dxf.zip

English

3D PDF

English

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

Instruction Sheets

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English

Instruction Sheet (non U.S.)

English