1-964449-1 ✔ ACTIVE

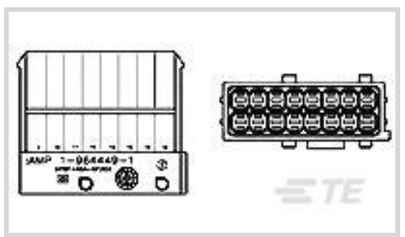
AMP | Junior Power Timer, Timer Connector System

TE Internal #: 1-964449-1

Housing for Male Terminals, Wire-to-Wire, 16 Position, .197 in [5 mm] Centerline, Black, Wire & Cable, Power & Signal, Hybrid

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > Timer Connector Housing



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

Number of Positions: **16**

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

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **No**

All Timer Connector Housing (518)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

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]

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	39 mm[1.535 in]
Product Width	20 mm[.787 in]
Product Length	45.8 mm[1.803 in]
Row-to-Row Spacing	6 mm[.236 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]

Operation/Application

Circuit Application	Power & Signal

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

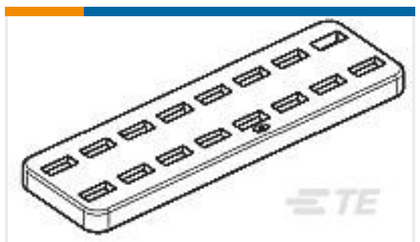
Compatible Parts



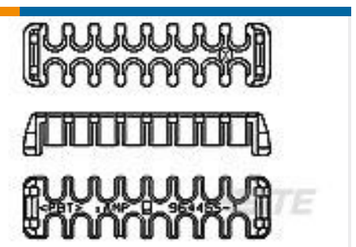
TE Part # CAT-T4827-CH8172
Timer Connector Housing



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



TE Part # 963216-1
DICHTUNG

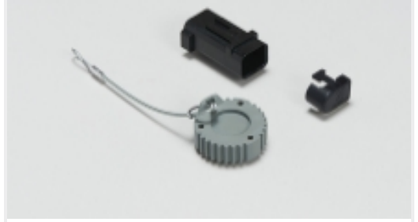


TE Part # 964455-1
KONTAKTSICHERUNG16P

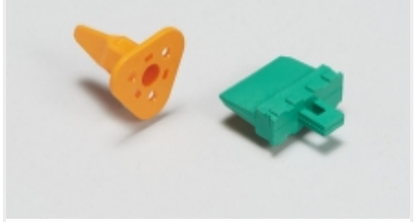


TE Part # 1-965982-1
TAB TAB 0.2-0.5 MM2 0.32X35.0 PTPPHBZ

Also in the Series | Junior Power Timer



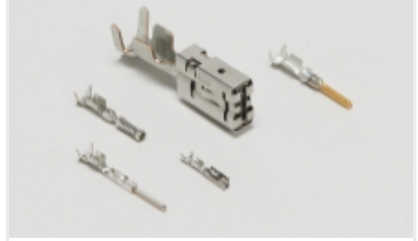
Automotive Connector Caps & Covers (9)



Automotive Connector Locks & Position Assurance(8)



Automotive Housings(324)



Automotive Terminals(189)

Busbars & Terminals(1)

Connector Seals & Cavity Plugs(9)

Insertion & Extraction Tools(8)

Module Components(4)



Other Automotive Connector Accessories(2)

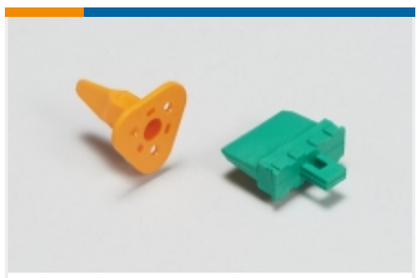


Special Purpose Terminals(2)

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (14)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(216)



Automotive Terminals(136)



Connector Seals & Cavity Plugs(31)



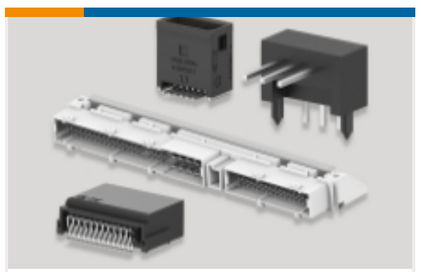
Crimp Terminal Housings(13)



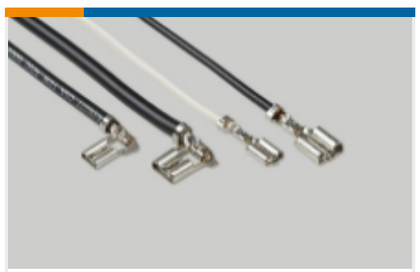
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(77)



Quick Disconnects(4)

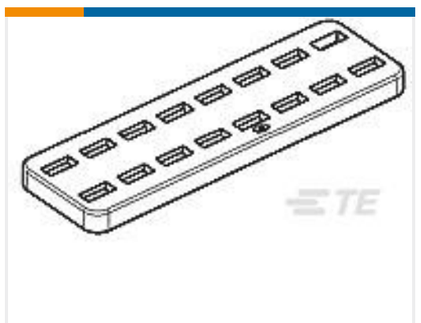
Customers Also Bought



TE Part # 2-963217-1
Timer Connector Housing



TE Part # 2-962915-1
TAB 2.8x0.8 CONTACT CF SWS Sn



TE Part # 963216-1
DICHTUNG

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 Conditionsof use.

Datasheets & Catalog Pages

Timer Interconnection System

English

Instruction Sheets

CONNECTEURS JPT ETANCHES A ETRIER POUR CONNEXIONS FIL A FIL PRECONISAT

English

Instruction Sheet (non U.S.)

English