

1-964449-1 ✓ ACTIVE

AMP | Timer Connector System

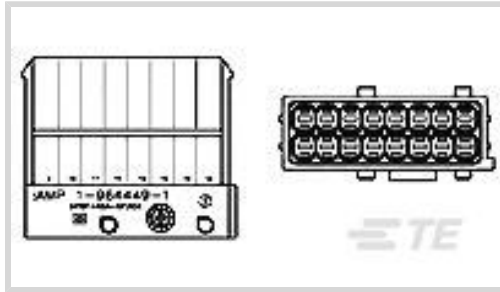
TE Internal #: 1-964449-1

Housing for Male Terminals, Wire-to-Wire, 16 Position, .197 in [5 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), Timer Connector System

[View on TE.com >](#)



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



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **16**

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

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

Features

Product Type Features

| | |
|---------------------------|----------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Male Terminals |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Hybrid Connector | No |
| Primary Locking Feature | On the Terminal |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 16 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|-------|
| Body Material | PBT |
| Primary Product Color | Black |
| Connector 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

| | |
|--------------------|----------------|
| Centerline (Pitch) | 5 mm [.197 in] |
|--------------------|----------------|

Dimensions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | 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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

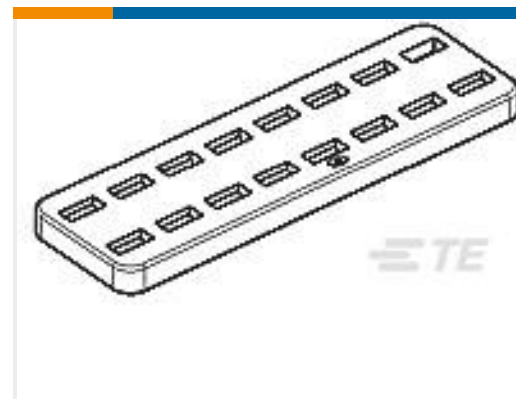
Compatible Parts



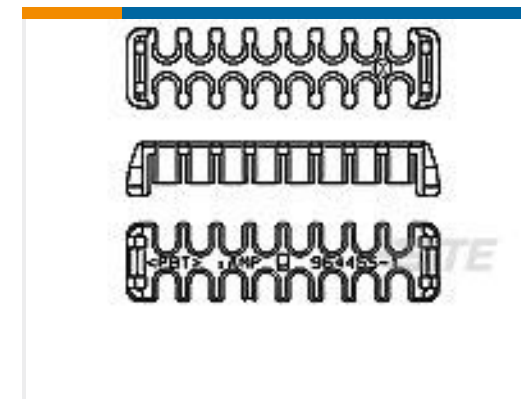
TE Part # CAT-T4827-CH8172
TIMER, CONNECTOR HOUSING



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



TE Part # 963216-1
DICHTUNG



TE Part # 964455-1
KONTAKTSICHERUNG16P

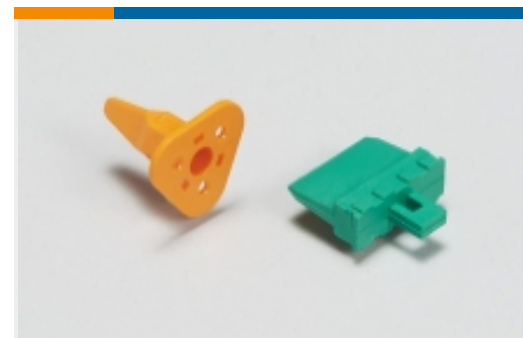


TE Part # 1-965982-1
TAB TAB 0.2-0.5 MM2 0.32X35.0
PTPPHBZ

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers
(11)



Automotive Connector Locks &
Position Assurance(16)



Automotive Housings(219)



Automotive Seals & Cavity Plugs(31)



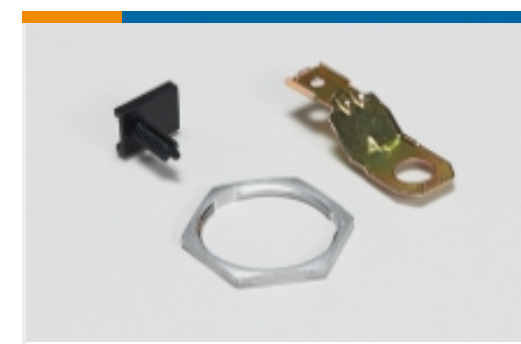
Automotive Terminals(140)



Crimp Terminal Housings(13)



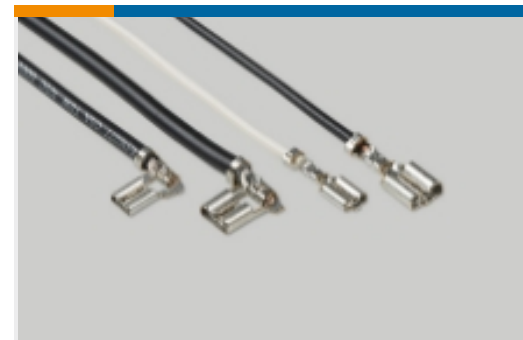
Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)

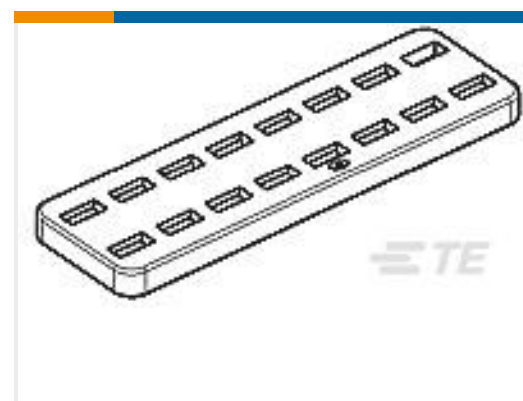


PCB Headers & Receptacles(78)



Quick Disconnects(4)

Customers Also Bought

TE Part #1-967239-1
TIMER, CONNECTOR HOUSINGTE Part #963205-1
SEALTE Part #1217150-1
FF 187 REC 18-14AWG TPBR

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.



Datasheets & Catalog Pages

Timer Interconnection System

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

CONNECTEURS JPT ETANCHES A ETRIER POUR CONNEXIONS FIL A FIL PRECONISAT

English

Instruction Sheet (non U.S.)

English