

2-963207-1 ✓ ACTIVE

AMP | Junior Power Timer

TE Internal #: 2-963207-1

Housing for Female Terminals, Wire-to-Wire, 4 Position, .196 in [5 mm] Centerline, Gray, Wire & Cable, Power, Junior Power Timer

[View on TE.com >](#)



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



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

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

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

Number of Positions: **4**

Centerline (Pitch): **5 mm [.196 in]**

[All TIMER, CONNECTOR HOUSING \(541\)](#)

Features

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Hybrid Connector | No |
| Primary Locking Feature | Integrated in Housing |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

Body Features



| | |
|-----------------------|--------|
| Cable Exit Angle | 180° |
| Body Material | PBT GF |
| Primary Product Color | Gray |
| Connector Code | B1 |

Contact Features

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

Mechanical Attachment

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

Housing Features

| | |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.196 in] |
|--------------------|---------------|

Dimensions

| | |
|----------------|-------------------|
| Product Width | 37.75 mm[1.48 in] |
| Product Length | 46.3 mm[1.82 in] |
| Product Height | 21 mm[.826 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 456 |
| Packaging Method | Box |

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 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
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



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



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



TE Part # 1-929937-1
JPT REC 2.8 Contact SWS Au

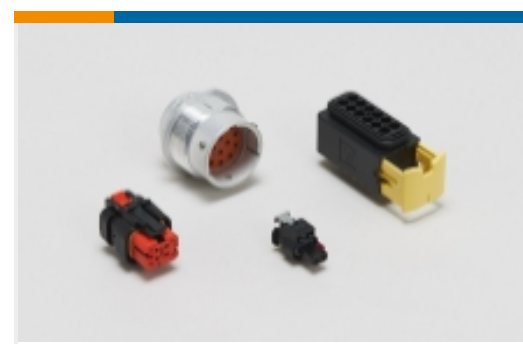


TE Part # 4-962340-1
4P FLACHSTCK GEH2,8

Also in the Series | [Junior Power Timer](#)



Automotive Connector Caps & Covers (5)



Automotive Housings(226)



Automotive Seals & Cavity Plugs(10)



Automotive Terminals(81)



Busbars & Terminals(1)



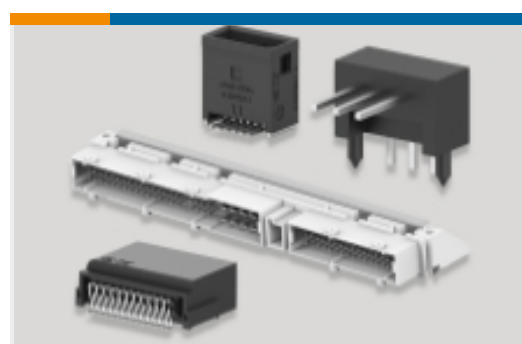
Insertion & Extraction Tools(9)



Module Components(6)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

Documents

Product Drawings

4P J-P-TIM GEH KPL

English

CAD Files

Customer View Model

[ENG_CVM_2-963207-1_H1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_2-963207-1_H1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-963207-1_H1.3d_stp.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 Specifications

Application Specification

English