

1-963217-1 ✓ ACTIVE

AMP | Junior Power Timer

TE Internal #: 1-963217-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, .197 in [5 mm] Centerline, Sealable, Black, Wire & Cable, Power, Junior Power Timer

[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 Female Terminals**

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

Sealable: **Yes**

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

Features

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector System | Wire-to-Wire |
| 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 | 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 | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |

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) | 5 mm[.197 in] |

Dimensions

| | |
|--------------------|--------------------|
| Connector Height | 37.75 mm[1.486 in] |
| Product Width | 24.3 mm[.957 in] |
| Product Length | 52.65 mm[2.073 in] |
| Row-to-Row Spacing | 6 mm[.236 in] |

Usage Conditions

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|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

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

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 |

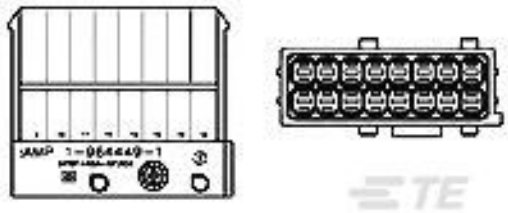









| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC 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 # 1-964449-1 FLACHSTE-GEH2,8 16P</p> |  <p>TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)</p> |  <p>TE Part # CAT-LMPH9507 Low & Medium Power Header</p> |  <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p> |
|  <p>TE Part # 1452317-1 COVER F.16P JPT HSG</p> |  <p>TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON</p> |  <p>TE Part # 1-962358-1 16P J-P-T BUCHS-GEH</p> |  <p>TE Part # 3-963215-1 16P STIFTWANNE 3MM</p> |

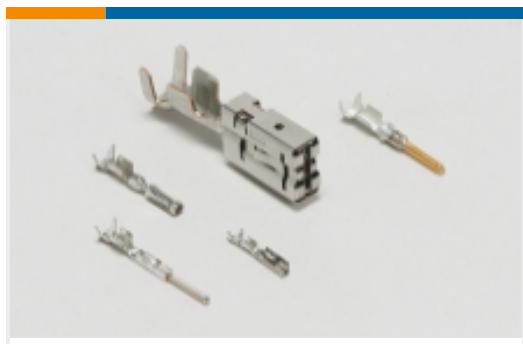
Also in the Series | Junior Power Timer



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)

Customers Also Bought



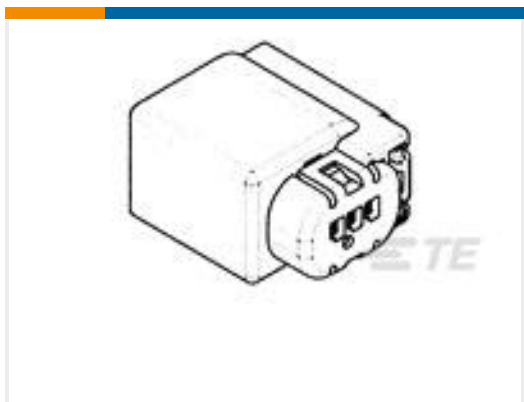
TE Part #1-963226-1
Timer Connector Housing



TE Part #3-1625885-0
1W SM M/OX 5% 18R



TE Part #M902-2161
BKSHL, 6SZ, CBL SZ .187-.300, HD10



TE Part #1318670-2
025 TPS CONN PLUG HSG ASSY 3P



TE Part #881762-1
3 WAY JPT ASS'Y



TE Part #0021036034
RBK-ILS-125-NR3-0-40MM



TE Part #881569-1
FUSE BOX FRAME

Documents

Product Drawings
[16 J-P-T GEH KOMPL](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-963217-1_D.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_1-963217-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-963217-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Timer Interconnection System](#)

English

Product Specifications

[CI2 KONTAKTSYSTEM](#)

English

[Product Specification](#)

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